

# REAL ACTIVE EQUIP MENT

CATALOG  
2024

english

**FEMAC**   
REAL\_ACTIVE









# CERTIFICATO

Nr. 50 100 16217

SI ATTESTA CHE / THIS IS TO CERTIFY THAT  
IL SISTEMA DI GESTIONE PER LA QUALITÀ DI  
THE QUALITY MANAGEMENT SYSTEM OF

**FEMAC**

**FEMAC S.r.l.**

SEDE LEGALE E OPERATIVA:  
REGISTERED OFFICE AND OPERATIONAL SITE:  
**VOC. TASSINARA 104/BIS**  
**IT - 06018 CITTA' DI CASTELLO (PG)**

È CONFORME AI REQUISITI DELLA NORMA  
HAS BEEN FOUND TO COMPLY WITH THE REQUIREMENTS OF  
**UNI EN ISO 9001:2015**

QUESTO CERTIFICATO È VALIDO PER IL SEGUENTE CAMPO DI APPLICAZIONE  
THIS CERTIFICATE IS VALID FOR THE FOLLOWING SCOPE OF APPLICATION  
**Progettazione e costruzione di macchine agricole (IAF 18)**  
**Design and construction of agricultural machineries (IAF 18)**

Per l'Organismo di Certificazione  
For the Certification Body  
**TÜV Italia S.r.l.**

**ACCREDIA**  
L'ENTE ITALIANO DI ACCREDITAMENTO  
SGQ N° 049A

Membro degli Accordi di Mutuo Riconoscimento  
EA, IAF e ILAC  
signature of EA, IAF and ILAC Mutual  
Recognition Agreements

*Andrea Coscia*  
**Andrea Coscia**  
Direttore Divisione Business Assurance  
Business Assurance Division Manager

"LA VALIDITÀ DEL PRESENTE CERTIFICATO È SUBORDINATA A SOFVEGLIANZA PERIODICA A 12 MESI E AL RIESAME COMPLETO DEL SISTEMA DI  
GESTIONE AZIENDALE CON PERIODICITÀ TRIENNALE;  
"THE VALIDITY OF THE PRESENT CERTIFICATE DEPENDS ON THE ANNUAL SURVEILLANCE EVERY 12 MONTHS AND ON THE COMPLETE REVIEW OF  
COMPANY'S MANAGEMENT SYSTEM AFTER THREE-YEARS"

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**FEMAC**



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# THIS IS **WHO WE ARE.** THIS IS **FEMAC.**

YESTERDAY'S **KNOW-HOW**,  
TODAY'S **DETERMINATION**,  
TOMORROW'S **INNOVATION**.

A company with fresh ideas and determination combined with experience acquired over decades in the field of robotic welding and precision mechanics. Femac: a family business with solid roots thanks to Emilio Fratini, founder since 1978.

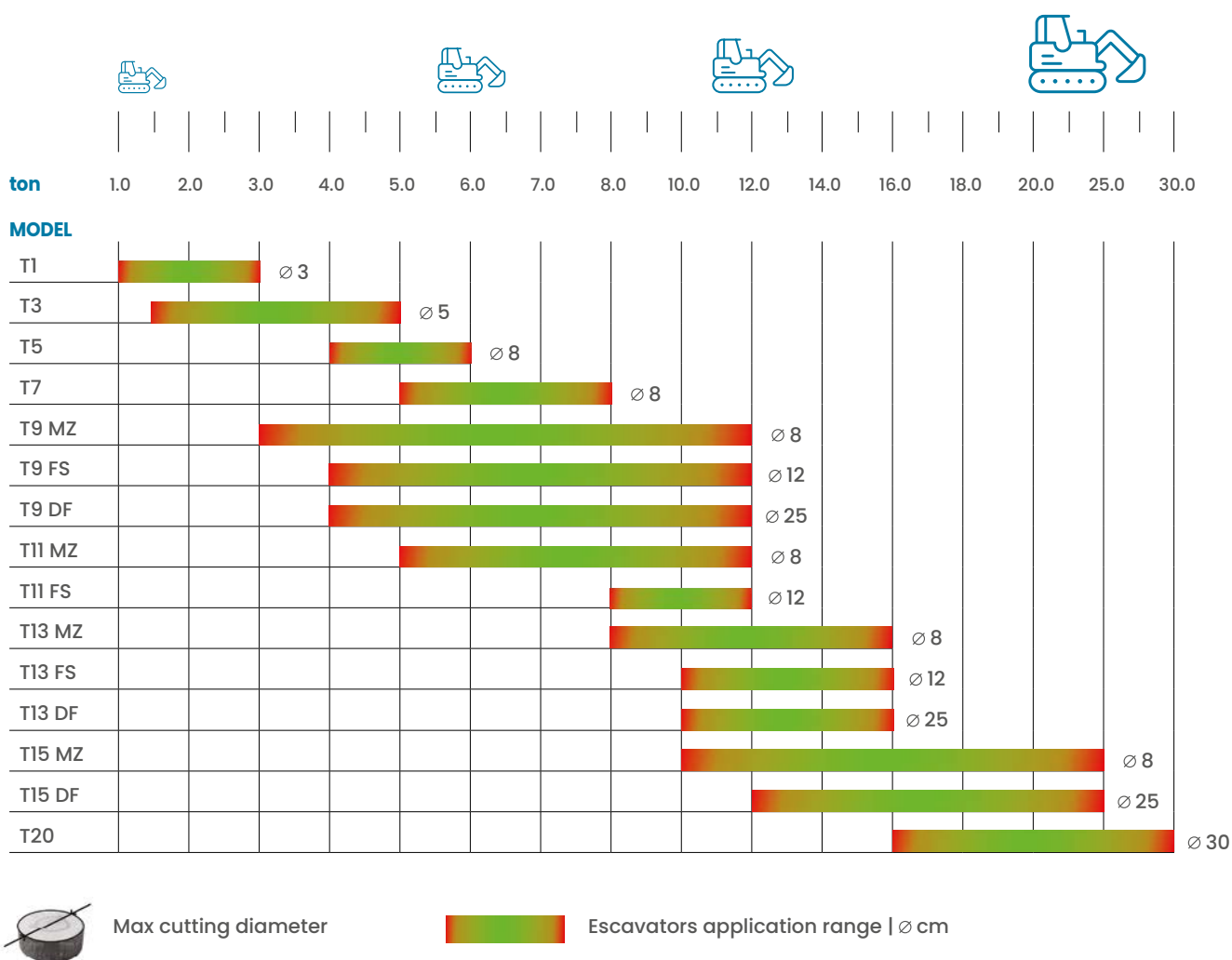
A constantly growing company, proposing a wide range of products, all made in Italy: from hydraulic mulchers and backhoes to ever evolving hedge mowers.

We are a team of highly skilled artisans. We strive everyday with tenacity and commitment to keep up with an ever growing market. We have the restlessness and technological determination of a company that thinks big.

We use research and inspiration to build upon our made in Italy craftsmanship.

# HYDRAULIC MULCHERS

Hydraulic mulcher choosing by two factors:  
excavator weight and cutting dimensions



The set-up of the auxiliary hydraulic system on the excavator is of exclusive pertinence and responsibility of the client. Should the client wish, instead, to operate the FEMAC mulcher by means of the existing hydraulic system in the excavator (ex. for operating demolition hammers, pincers, etc.), he must be aware that the performance of the mulcher may result decreased, in particular when the excavator's arm, the cabin and/or the trucks/wheels are mowing as well. Note also that a pressure on the return line exceeding 15 bar would cause the leakage of the seal of the hydraulic motor with consequent loss of oil.



# HYDRAULIC MULCHERS REQUEST FORM

• Client: \_\_\_\_\_

Date: \_\_\_\_\_

• Excavator model: \_\_\_\_\_

Otherwise, indicate the dimension of the excavator or the displacement of the motor.

• Mulcher model: \_\_\_\_\_

• Type of rotor: \_\_\_\_\_

Please indicate the pricelist code of the required cutting tool. Otherwise the rotor will be equipped with the standard tool.

• Accessories: \_\_\_\_\_

Indicate the accessories in the pricelist.

• Excavator coupler, indicate the type:

Femac standard coupler

☐ Coupler with pins

**P** | Diameter      **B** | Spread      **I** | Pin Centres

\_\_\_\_\_

☐ Quick coupler with pins (add kit pins accessory)

**P** | Diameter      **B** | Spread      **I** | Pin Centres

\_\_\_\_\_

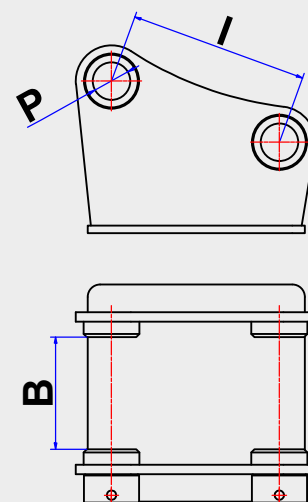
☐ Quick coupler

Manufacturer      Model

\_\_\_\_\_

• Excavator with drain line:

☐ YES      ☐ NO





FEMAC 





# HYDRAULIC **MULCHERS**

# EQUIPMENT FOR HYDRAULIC MULCHERS



## Gear motor

---

Italian-made hydraulic motor with reinforced oil seals for high pressures.

## Pins kit

---

Custom made for mounting hitch.

## Quick hitch

---

Available with interface plates for the most common quick hitch models on the market.

## Hoses Kit

---

Hydraulic delivery and return hoses to connect the flail mower to the auxiliary hydraulic line on the excavator's second boom.

## Mounting hitch (pins version)

---



Made to our standard design to fit the required measurements, does not include pins.

## Automatic variable displacement piston motor

---



Allows superior performance by automatically increasing its displacement according to the work load.

## Valves block

---



Aluminum milled billet body that houses 3 hydraulic valves. Priority valve to regulate the oil flow rate, anticavitation valve to protect the engine by maintaining sufficient oil flow at its inlet at all times, and relief valve with anti-shock function. The valve block also has a connection for the engine drain line.

*It is still recommended to use, when present, the excavator's prearranged drain line, which should always be set in hammer mode (not pliers) to have the free-drain return line to the tank.*



## Chain protection



Provides better protection and durability, replaces the standard rubber guard.

## Hydraulic hood opening



Actuated by hydraulic cylinder, it allows the opening of the guard to be adjusted without getting off the vehicle.

## Feeler roller



Adjustable to predefined heights, allows working close to the ground and protects the rotor from ground unevenness. Recommended for flat terrain, with horizontal mulcher working position. Not recommended for REV versions, it may limit productivity.

## Electrovalve for hydraulic hood

Allows the opening of the hydraulic hood to be controlled through an electric control of the excavator, without having to use additional hydraulic lines.

## Self-levelling support



Keeps the mulcher parallel to the ground, allows the header to better follow the unevenness of the terrain and absorbs shocks and vibrations. Recommended for flat terrain, where the mulcher is in contact with the ground.

## Hydraulic rotation device



Allows rotation of the flail head 180° on its vertical axis, expanding flexibility of maneuvering while working. Cannot be mounted in conjunction with the self levelling support.

# T1 REV

For excavators 1.0–3.0 ton













**MZ**



**HF1**  
Ø max 3 cm  
**STANDARD  
EQUIPMENT**



**KF1**  
Ø max 2 cm

		T1 60 REV	T1 80 REV
	ton	1.0-3.0	2.0-3.0
	cm/inch	60 24	80 32
	cm/inch	85x50x35 34x20x14	100x50x35 40x20x14
	kg/lbs	70 154	80 176
	cc	8-11	8-11
	oil - L/min (gal/min)	20-30 6-8	20-30 6-8
	bar/psi (min-max)	170-220 2.500-3.200	170-220 2.500-3.200
	transmission	direct	direct
	rotor diameter cm/inch	30 12	30 12
		12	14




### Technical features and standard equipment

- Direct transmission
- Internally reinforced with double metal sheet
- Shearing symmetric head, for a faster cut with the rotation of the excavator
- Input and output mouths completely identical
- Protective cover for motor
- Helicoidal rotor with austempered hammers or blade interchangeable
- Inside rotor supports with "labyrinth" for the protection of the bearings from the impurities
- Double row spherical adjustable bearings of 1<sup>st</sup> quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Gear motor
- Accident prevention rubber protections according to EC directives

### Accessories

- Mounting hitch (pins version)
- Pins kit
- Quick hitch
- Hoses kit Lg. 2 meters
- Front, back chain protection
- Feeler roller
- Self-levelling support (+30kg)
- Valves block deduction, only anticavitation

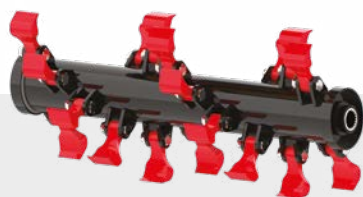
### Hydraulic motor range

	ton	1.0-2.0	2.0-3.0
	cc	8	11
	oil - L/min gal/min	20 6	30 8



# T3

For excavators 1.5–5.0 ton



**MZ**













**HF2**  
Ø max 5 cm  
**STANDARD  
EQUIPMENT**



**HC1**  
Ø max 4 cm



**KC1**  
Ø max 3 cm

		<b>T3 70</b>	<b>T3 90</b>
	ton	1.5-5.0	2.5-5.0
	cm/inch	70 28	90 36
	cm/inch	95x55x45 38x22x18	115x55x45 46x22x18
	kg/lbs	130 287	150 331
	cc	8-11-16	11-16
	oil - L/min (gal/min)	20-30 6-8	30-40 8-11
	bar/psi (min-max)	170-220 2.500-3.200	170-220 2.500-3.200
	transmission	direct	direct
	rotor diameter cm/inch	38 15	38 15
		10	14




### Technical features and standard equipment

- Direct transmission
- Internally reinforced with double metal sheet
- Feeler roller adjustable on 3 positions to change the height of the cut
- Helicoidal rotor with austempered hammers or blade interchangeable
- Protective cover for motor
- Inside rotor supports with labyrinth for the protection of the bearings from the impurities
- Double row spherical adjustable bearings of 1<sup>st</sup> quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Gear motor
- Accident prevention rubber protections according to EC directives

### Accessories

- Mounting hitch (pins version)
- Pins kit
- Quick hitch
- Hoses kit Lg. 2 meters
- Front and back chain protection
- Self-levelling support (+30kg)
- Valves block deduction, only anticavitation

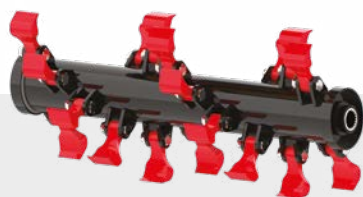
### Hydraulic motor range

	ton	1.5-2	2-3.5	3.5-5
	cc	8	11	16
	oil - L/min gal/min	20 6	30 8	40 11



# T5

For excavators 4.0-6.0 ton



**MZ**



**HF2**  
Ø max 5 cm  
**STANDARD  
EQUIPMENT**













**HC1**  
Ø max 4 cm



**KC1**  
Ø max 3 cm



**T5**

	ton	4.0-6.0
	cm/inch	105 42
	cm/inch	130x60x40 52-24-16
	kg/lbs	190 419
	cc	16
	oil - L/min (gal/min)	40-11
	bar/psi (min-max)	170-220 2.500-3.200
	transmission	direct
	rotor diameter cm/inch	38 15
		16




**Technical features and standard equipment**

- Direct transmission
- Internally reinforced with double metal sheet
- Feeler roller adjustable on 3 positions to change the height of the cut
- Helicoidal rotor with austempered hammers or blade interchangeable
- Protective cover for motor
- Inside rotor supports with labyrinth for the protection of the bearings from the impurities
- Double row spherical adjustable bearings of 1<sup>st</sup> quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Gear motor
- Accident prevention rubber protections according to EC directives




**Accessories**

- Mounting hitch (pins version)
- Pins kit
- Quick hitch
- Hoses kit Lg. 2 meters
- Front chain protection
- Self-levelling support (+40kg)
- Valves block deduction, only anticavitation
- Cast iron gear motor group 3 instead of group 2

**Hydraulic motor range**

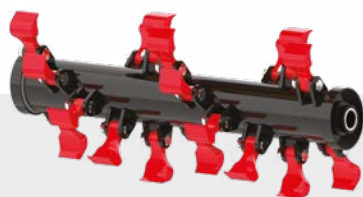
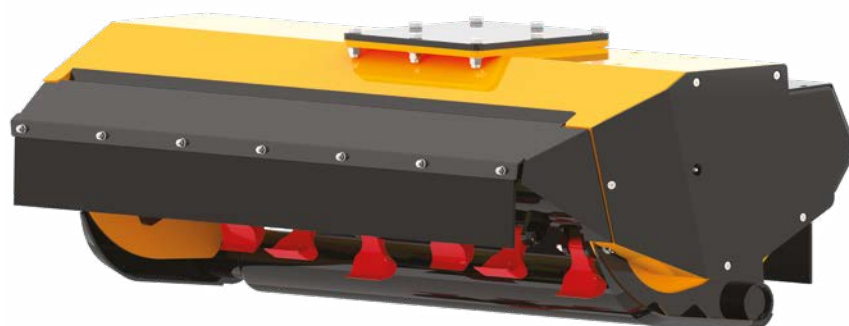
	ton	4-6
	cc	16
	oil - L/min gal/min	40 11

**Cast iron hydraulic gear motor range**

	ton	6-7	7-8	8-9
	cc	22	27	34
	oil - L/min gal/min	60 16	70 19	80 22

# T7

For excavators 5.0-8.0 ton













**MZ**



**HF3**  
Ø max 8 cm  
**STANDARD  
EQUIPMENT**



**KF3**  
Ø max 6 cm

		<b>T7 105</b>	<b>T7 125</b>
	<b>ton</b>	5.0-8.0	6.0-8.0
	<b>cm/inch</b>	105 42	125 50
	<b>cm/inch</b>	125x75x50 50x30x20	145x75x50 58x30x20
	<b>kg/lbs</b>	220 485	250 551
	<b>cc</b>	22-27-34	22-27-34
	<b>oil - L/min (gal/min)</b>	60-70-80 16-19-22	60-70-80 16-19-22
	<b>bar/psi (min-max)</b>	200-220 2.900-3.200	200-220 2.900-3.200
	<b>transmission</b>	direct	direct
	<b>rotor diameter cm/inch</b>	36 14	36 14
		16	20




### Technical features and standard equipment

- Direct transmission
- Internally reinforced with double metal sheet
- Feeler roller adjustable on 3 positions to change the height of the cut
- Helicoidal rotor with austempered hammers or blade interchangeable
- Protective cover for motor
- Inside rotor supports with labyrinth for the protection of the bearings from the impurities
- Double row spherical adjustable bearings of 1<sup>st</sup> quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Cast iron gear motor
- Accident prevention rubber protections according to EC directives

### Accessories

- Mounting hitch (pins version)
- Pins kit
- Quick hitch
- Hoses kit Lg. 2 meters
- Self-levelling support (+40kg)
- Hydraulic rotation device (no self-levelling support)
- Valves block deduction, only anticavitation

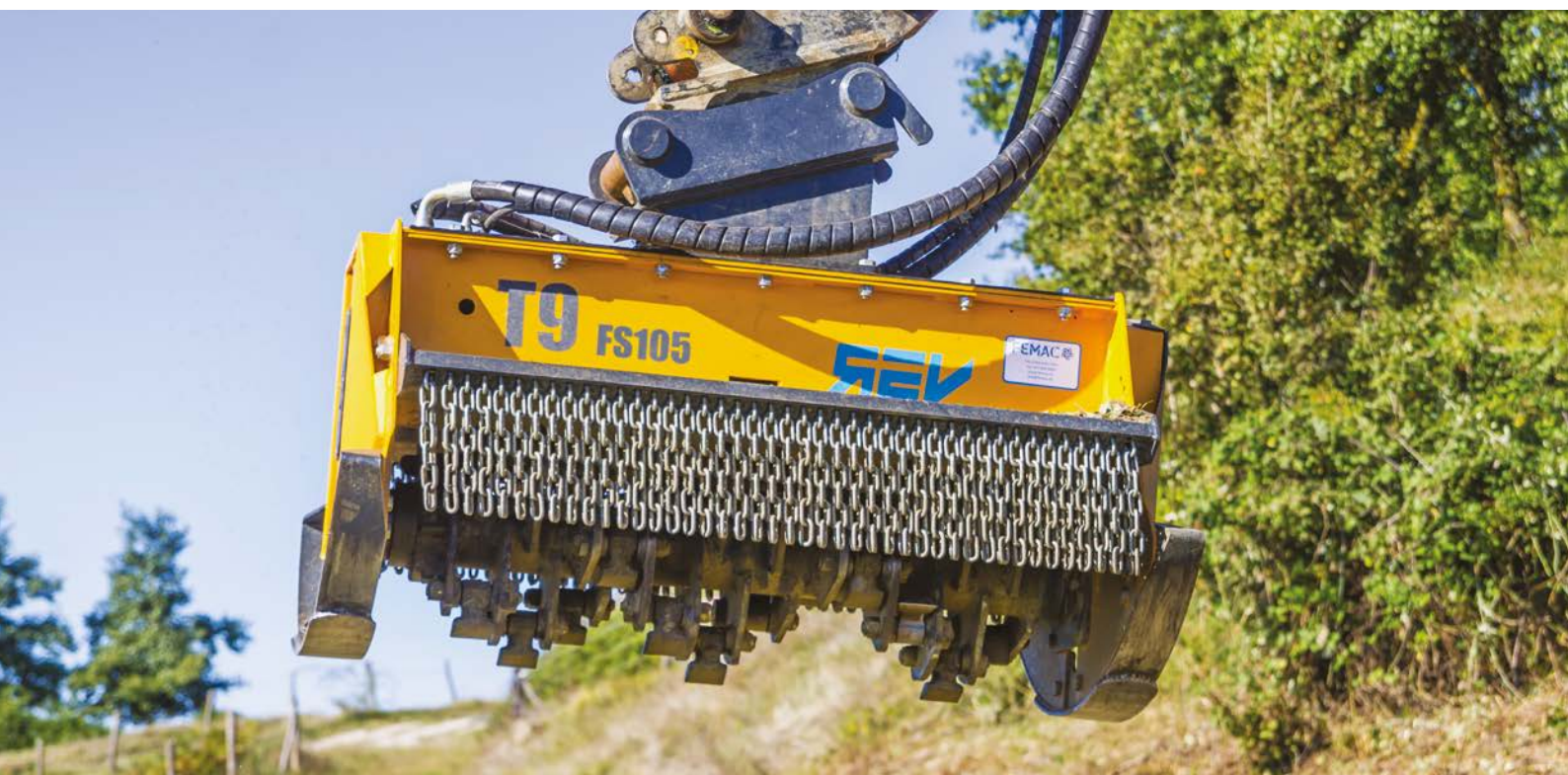
### Cast iron hydraulic gear motor range

	<b>ton</b>	5-7	7-8	8-9
	<b>cc</b>	22	27	34
	<b>oil - L/min gal/min</b>	60 16	70 19	80 22



# T9 REV

For excavators 4.0-12.0 ton



**MZ**



**FS**



**DF**



**HF3**  
Ø max 8 cm  
**STANDARD EQUIPMENT**



**HF17**  
Ø max 12 cm  
**STANDARD EQUIPMENT**



**HF14**  
Ø max 25 cm  
**STANDARD EQUIPMENT**



**KF3**  
Ø max 6 cm



**HF15**  
Ø max 20 cm

		T9 MZ70	T9 MZ90	T9 MZ105	T9 FS70	T9 FS90	T9 FS105	T9 DF70	T9 DF90	T9 DF105
	ton	4.0-8.0	4.0-8.0	6.0-10.0	5.0-8.0	6.0-8.0	6.0-12.0	5.0-12.0	6.0-12.0	6.0-12.0
	cm/inch	70 28	90 36	105 42	70 28	90 36	105 42	70 28	90 36	105 42
	cm/inch	85x80x60 34x22x24	105x80x60 42x32x24	125x80x60 50x32x24	85x80x60 34x22x24	105x80x60 42x32x24	125x80x60 50x32x24	85x80x60 34x22x24	105x80x60 42x32x24	125x80x60 50x32x24
	kg/lbs	180 397	260 573	310 683	290 640	360 792	400 882	340 750	400 882	490 1.080
	cc	16	22-27-34	22-27-34-43-51	22-27-34-43-51	22-27-34-43-51	27-34-43-51	22-27-34-43-51	27-34-43-51	27-34-43-51
	oil - L/min (gal/min)	30 8	40-50-60 11-14-16	40-50-60 80-100 11-14-16-22-28	40-50-60-80-100 11-14-16-22-28	40-50-60-80-100 11-14-16-22-28	50-60-80-100 14-16-22-28	40-50-60-80-100 11-14-16-22-28	50-60-80-100 14-16-22-28	50-60-80-100 14-16-22-28
	bar/psi (min-max)	170-220 2.500-3.200	170-220 2.500-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200
	transmission	3	3	3	3	3	3	3	3	3
	rotor diameter cm/inch	36 14	36 14	36 14	40 16	40 16	40 16	37 14,5	37 14,5	37 14,5
		10	14	16	12	18	22	21	24	30

### Technical features and standard equipment

- MZ Helicoidal Rotor with hammers austempered and cutting blade interchangeable
- FS Helical forestal rotor with 360° rotating hammers
- DF Forestal rotor, fixed teeth
- Toothed high-performance V-belts transmission
- Internally reinforced double-case body with interspace
- Protective belts cover
- Symmetric shearing head, for a faster cut with the rotation of the excavator
- Input and output mouths completely identical, adjustable
- Adjustable hood, fully openable for higher cutting capacity
- Side skids adjustable on 3 positions to change the height of the cut
- Inside Rotor Supports with "labyrinth" for the protection of the bearings from the impurities
- Double Row roller adjustable bearings of 1<sup>st</sup> quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Cast iron gear motor
- Accident prevention chains protections according to EC directives

### Accessories

- Mounting hitch (pins version) 1.2-4.0 ton
- Pins kit 1.2-4.0 ton
- Quick hitch 1.2-4.0 ton
- Mounting hitch (pins version) 4.1-8.0 ton
- Pins kit 4.1-8.0 ton
- Quick hitch 4.1-8.0
- Mounting hitch (pins version) 8.1-12.0 ton
- Pins kit 8.1-12.0 ton
- Quick hitch 8.1-12.0
- Hoses kit Lg. 2 meters
- Feeler roller
- Self-levelling support (+40 kg)
- Hydraulic rotation device (no self-levelling support)
- Valves block deduction, only anticavitation
- Variable displacement piston motor (manual adjustment)

### Cast iron hydraulic gear motor range











	ton	3.0-4.0	4.0-6.0	6.0-7.0	7.0-8.0	8.0-10.0	10.0-12.0
	CC	16	22	27	34	43	51
	oil - L/min gal/min	30 8	40 11	50 14	60 16	80 22	100 28

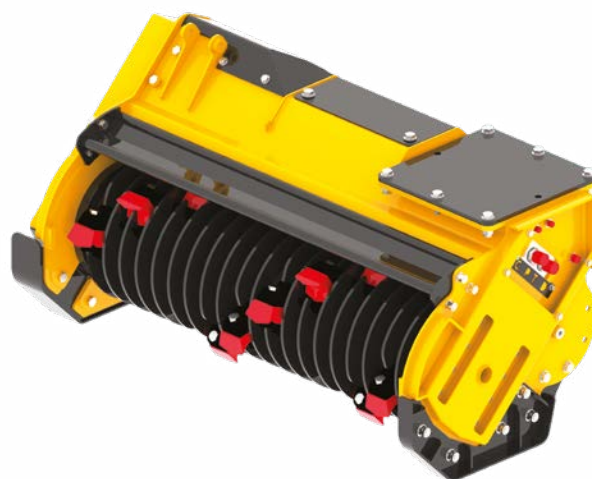
### Variable displacement piston motor (accessory)

	ton	8.0-12.0
	CC	32/64
	oil - L/min gal/min	60/120 16/32

# T9 US

For excavators 4.0-12.0 ton

		T9US MZ70	T9US MZ90	T9US MZ110	T9US FS70	T9US FS90	T9US FS110
	ton	4.0-8.0	4.0-8.0	6.0-10.0	5.0-8.0	6.0-8.0	6.0-12.0
	cm/inch	70 28	90 36	110 43	70 28	90 36	110 43
	cm/inch	85x65x64 33x25x25	105x65x64 41x25x25	124x65x64 49x25x25	85x65x64 33x25x25	105x65x64 41x25x25	124x65x64 49x25x25
	kg/lbs	235 518	275 606	330 728	265 584	325 717	380 838
	cc	16	22-27-34	22-27-34-43-51	22-27-34-43-51	22-27-34-43-51	27-34-43-51
	oil - L/min (gal/min)	30 8	40-50-60 11-14-16	40-50-60 80-100 11-14-16-22-28	40-50-60-80-100 11-14-16-22-28	40-50-60-80-100 11-14-16-22-28	50-60-80-100 14-16-22-28
	bar/psi (min-max)	170-220 2.500-3.200	170-220 2.500-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200
	transmission	3	3	3	3	3	3
	rotor diameter cm/inch	36 14	36 14	36 14	40 16	40 16	40 16
		10	14	16	12	18	22



**MZ**



**FS**



**DF**



**DFD**



**HF3**  
Ø max 8 cm  
**STANDARD EQUIPMENT**



**HF17**  
Ø max 12 cm  
**STANDARD EQUIPMENT**



**HF14**  
Ø max 25 cm  
**STANDARD EQUIPMENT**



**HF22**  
Ø max 20 cm  
**STANDARD EQUIPMENT**



**KF3**  
Ø max 6 cm



**HF15**  
Ø max 20 cm



T9US DF70	T9US DF90	T9US DF110	T9US DFD70	T9US DFD90	T9US DFD110
5.0-12.0	6.0-12.0	6.0-12.0	5.0-12.0	6.0-12.0	6.0-12.0
70 28	90 36	110 43	70 28	90 36	110 43
85x65x64 33x25x25	105x65x64 41x25x25	124x65x64 49x25x25	85x65x64 33x25x25	105x65x64 41x25x25	124x65x64 49x25x25
315 695	365 805	430 948	345 761	400 882	470 1036
22-27-34-43-51	27-34-43-51	27-34-43- 51	22-27-34-43-51	27-34-43-51	27-34-43- 51
40-50-60-80-100 11-14-16-22-28	50-60-80-100 14-16-22-28	50-60-80-100 14-16-22-28	40-50-60-80-100 11-14-16-22-28	50-60-80-100 14-16-22-28	50-60-80-100 14-16-22-28
200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200
3	3	3	3	3	3
37 14,5	37 14,5	37 14,5	38 15	38 15	38 15
21	24	30	14	18	22

### Technical features and standard equipment

- MZ Helicoidal Rotor with hammers austempered and cutting blade interchangeable
- FS Helical forestal rotor with 360° rotating hammers
- DF Forestal rotor, fixed teeth
- DFD Rotor, double edge fixed teeth with bite limiter
- Toothed high-performance V-belts transmission
- Internally reinforced double-case body with interspace
- Protective belts cover
- Front hood delete. Fully unrestricted rotor for increased cutting capacity
- Mechanically adjustable rear hood
- Reinforced side skids
- Inside Rotor Supports with "labyrinth" for the protection of the bearings from the impurities
- Double Row roller adjustable bearings of 1<sup>st</sup> quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Cast iron gear motor

### Accessories

- Mounting hitch (pins version) 1.2-4.0 ton
- Pins kit 1.2-4.0 ton
- Quick hitch 1.2-4.0 ton
- Mounting hitch (pins version) 4.1-8.0 ton
- Pins kit 4.1-8.0 ton
- Quick hitch 4.1-8.0
- Mounting hitch (pins version) 8.1-12.0 ton
- Pins kit 8.1-12.0 ton
- Quick hitch 8.1-12.0
- Hoses kit Lg. 2 meters
- Self-levelling support (+40 kg)
- Hydraulic rotation device (no self-levelling support)
- Valves block deduction, only anticavitation
- Variable displacement piston motor (manual adjustment)
- MT version
- Mini track loader hitch

### Cast iron hydraulic gear motor range











ton	4.0-6.0	6.0-7.0	7.0-8.0	8.0-10.0	10.0-12.0
CC	22	27	34	43	51
oil - L/min gal/min	40 11	50 14	60 16	80 22	100 28

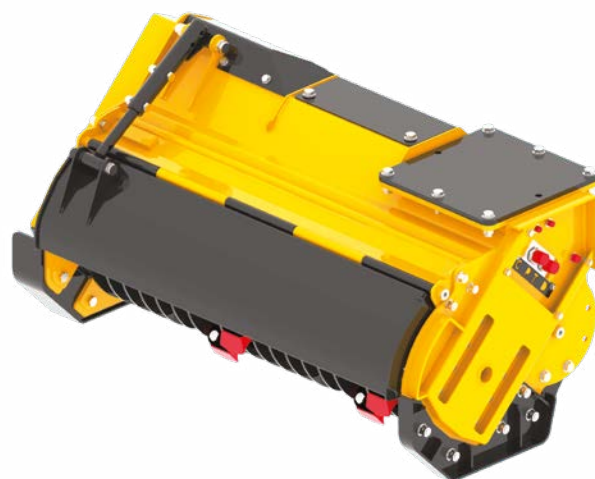
### Variable displacement piston motor (accessory)

ton	8.0-12.0
CC	32/64
oil - L/min gal/min	60/120 16/32

# T9 EU

For excavators 4.0-12.0 ton

		T9EU MZ70	T9EU MZ90	T9EU MZ110	T9EU FS70	T9EU FS90	T9EU FS110
	ton	4.0-8.0	4.0-8.0	6.0-10.0	5.0-8.0	6.0-8.0	6.0-12.0
	cm/inch	70 28	90 36	110 43	70 28	90 36	110 43
	cm/inch	85x67x64 33x26x25	105x67x64 41x26x25	124x67x64 49x26x25	85x67x64 33x26x25	105x67x64 41x26x25	124x67x64 49x26x25
	kg/lbs	250 551	290 639	350 772	280 617	340 750	400 882
	cc	16	22-27-34	22-27-34-43-51	22-27-34-43-51	22-27-34-43-51	27-34-43-51
	oil - L/min (gal/min)	30 8	40-50-60 11-14-16	40-50-60 80-100 11-14-16-22-28	40-50-60-80-100 11-14-16-22-28	40-50-60-80-100 11-14-16-22-28	50-60-80-100 14-16-22-28
	bar/psi (min-max)	170-220 2500-3200	170-220 2500-3200	200-220 2900-3200	200-220 2900-3200	200-220 2900-3200	200-220 2900-3200
	transmission	3	3	3	3	3	3
	rotor diameter cm/inch	36 14	36 14	36 14	40 16	40 16	40 16
		10	14	16	12	18	22



**MZ**



**FS**



**DF**



**DFD**



**HF3**  
Ø max 8 cm  
**STANDARD  
EQUIPMENT**



**HF17**  
Ø max 12 cm  
**STANDARD  
EQUIPMENT**



**HF14**  
Ø max 25 cm  
**STANDARD  
EQUIPMENT**



**HF22**  
Ø max 20 cm  
**STANDARD  
EQUIPMENT**



**KF3**  
Ø max 6 cm



**HF15**  
Ø max 20 cm

T9EU DF70	T9EU DF90	T9EU DF110	T9EU DFD70	T9EU DFD90	T9EU DFD110
5.0-12.0	6.0-12.0	6.0-12.0	5.0-12.0	6.0-12.0	6.0-12.0
70 28	90 36	110 43	70 28	90 36	110 43
85x67x64 33x26x25	105x67x64 41x26x25	124x67x64 49x26x25	85x67x64 33x26x25	105x67x64 41x26x25	124x67x64 49x26x25
330 728	380 838	450 992	360 794	415 915	490 1080
22-27-34-43-51	27-34-43-51	27-34-43- 51	22-27-34-43-51	27-34-43-51	27-34-43- 51
40-50-60-80-100 11-14-16-22-28	50-60-80-100 14-16-22-28	50-60-80-100 14-16-22-28	40-50-60-80-100 11-14-16-22-28	50-60-80-100 14-16-22-28	50-60-80-100 14-16-22-28
200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200
3	3	3	3	3	3
37 14,5	37 14,5	37 14,5	38 15	38 15	38 15
21	24	30	14	18	22

### Technical features and standard equipment

- MZ Helicoidal Rotor with hammers austempered and cutting blade interchangeable
- FS Helical forestal rotor with 360° rotating hammers
- DF Forestal rotor, fixed teeth
- DFD Rotor, double edge fixed teeth with bite limiter
- Toothed high-performance V-belts transmission
- Internally reinforced double-case body with interspace
- Protective belts cover
- Adjustable front hood, fully openable for higher cutting capacity
- Mechanically adjustable rear hood
- Reinforced side skids
- Inside Rotor Supports with "labyrinth" for the protection of the bearings from the impurities
- Double Row roller adjustable bearings of 1<sup>st</sup> quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Cast iron gear motor

### Accessories

- Mounting hitch (pins version) 1.2-4.0 ton
- Pins kit 1.2-4.0 ton
- Quick hitch 1.2-4.0 ton
- Mounting hitch (pins version) 4.1-8.0 ton
- Pins kit 4.1-8.0 ton
- Quick hitch 4.1-8.0
- Mounting hitch (pins version) 8.1-12.0 ton
- Pins kit 8.1-12.0 ton
- Quick hitch 8.1-12.0
- Hoses kit Lg. 2 meters
- Self-levelling support (+40 kg)
- Hydraulic rotation device (no self-levelling support)
- Valves block deduction, only anticavitation
- Variable displacement piston motor (manual adjustment)
- MT version
- Mini track loader hitch
- Hydraulic hood
- Electrovalve for hydraulic hood

### Cast iron hydraulic gear motor range

ton	4.0-6.0	6.0-7.0	7.0-8.0	8.0-10.0	10.0-12.0
CC	22	27	34	43	51
oil - L/min gal/min	40 11	50 14	60 16	80 22	100 28

### Variable displacement piston motor (accessory)

ton	8.0-12.0
CC	32/64
oil - L/min gal/min	60/120 16/32



# T9US/T9EU MT

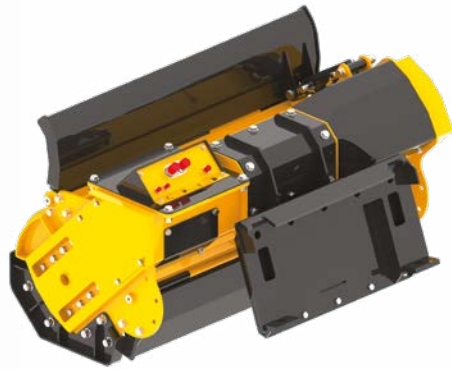
For Mini Track Loaders






T9US MT



T9EU MT



T9EU MT  
Rear view

		T9US 90 MT / T9EU 90 MT	T9US 110 MT / T9EU 110 MT
	cm/inch	90 36	110 43
	cm/inch	105x81x64 41x32x25	124x81x64 49x32x25
	kg/lbs	+40 +88	+40 +88

This version features a dedicated kit that allows the T9US and T9EU hydraulic excavator mulchers to be mounted on mini track loaders, replacing only a few components without having to change the machine. The choice of rotors and accessories remains unchanged from the original models. Available for 90 (36") and 110 cm (43") width sizes.





T9 FR105

REV

FEMAC





**MZ**



**FS**



**HF6**  
Ø max 8 cm  
**STANDARD EQUIPMENT**



**HF19**  
Ø max 12 cm  
**STANDARD EQUIPMENT**



**KF7**  
Ø max 6 cm



		T11 MZ130	T11 MZ160	T11 FS130
	ton	6.0-12.0	10.0-12.0	8.0-12.0
	cm/inch	130 52	160 63	130 52
	cm/inch	145x90x60 58x36x24	185x100x70 73x40x28	145x90x60 58x36x24
	kg/lbs	345 761	420 926	440 882
	cc	34-43-51	43-51	43-51
	oil - L/min (gal/min)	60-80-100 16-22-28	80-100 22-28	80-100 22-28
	bar/psi (min-max)	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200
	transmission	1 (50 mm)	1 (55 mm)	1 (50 mm)
	rotor diameter cm/inch	46 18	46 18	46 18
		20	20	18

### Technical features and standard equipment

- MZ Helicoidal Rotor with hammers austempered and cutting blade interchangeable
- FS Forestal flanged rotor with 360° rotating hammer
- Toothed high-performance belts transmission
- Internally reinforced double-case body with interspace
- Protective belts cover
- Strong hood with double sheet, removable for inspection
- Side skids adjustable on 3 positions to change the height of the cut (only on T11 MZ/FS 130)
- Feeler roller adjustable on 3 positions to change the height of the cut (T11 MZ 160 standard equipment, T11 MZ/FS 130 accessory in replacement of side skids)
- Inside Rotor Supports with "labyrinth" for the protection of the bearings from the impurities
- Double Row spherical or rollers adjustable bearings of 1<sup>st</sup> quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Cast iron gear motor
- Accident prevention chains protections according to EC directives

### Accessories

- Mounting hitch (pins version) 4.1-8.0 ton
- Pins kit 4.1-8.0 ton
- Quick hitch 4.1-8.0
- Mounting hitch (pins version) 8.1-12.0 ton
- Pins kit 8.1-12.0 ton
- Quick hitch 8.1-12.0
- Mounting hitch (pins version) 12.1-16.0 ton
- Pins kit 12.1-16.0 ton
- Hoses kit Lg. 2,5 meters or Lg. on request
- Hoses kit Lg. 2,5 meters for piston motor
- Feeler roller, T11 130, no side skids
- Self-levelling support (+40kg), T11 130
- Self-levelling support (+60kg), T11 160
- Hydraulic front hood
- Piston motor (no valves block)
- Valves block 1" for piston motor
- Hydraulic rotation device (not self-levelling support)
- Valves block deduction, only anticavitation

### Cast iron hydraulic gear motor range

	ton	6.0-8.0	8.0-10.0	10.0-12.0
	CC	34	43	51
	oil - L/min gal/min	60 16	80 22	100 28

### Piston motor (accessory)

	ton	8.0-11.0	11.0-12.0
	CC	45	63
	oil - L/min gal/min	90 24	120 32

# T13

For excavators 8.0-16.0 ton



**MZ**



**FS**



**DF**



**HF6**  
Ø max 8 cm  
**STANDARD EQUIPMENT**



**HF19**  
Ø max 12 cm  
**STANDARD EQUIPMENT**



**HF14**  
Ø max 25 cm  
**STANDARD EQUIPMENT**



**KF7**  
Ø max 6 cm



**HF15**  
Ø max 20 cm

		<b>T13 MZ105</b>	<b>T13 MZ130</b>	<b>T13 FS105</b>	<b>T13 FS130</b>	<b>T13 DF105</b>	<b>T13 DF130</b>
	<b>ton</b>	8.0-16.0	8.0-16.0	10.0-16.0	10.0-16.0	10.0-16.0	10.0-16.0
	<b>cm/inch</b>	105 42	130 52	105 42	130 52	105 42	130 52
	<b>cm/inch</b>	125x95x85 50x38x34	145x95x85 58x38x34	125x95x85 50x38x34	145x95x85 58x38x34	125x95x85 50x38x34	145x95x85 58x38x34
	<b>kg/lbs</b>	480 1.058	540 1.190	580 1.279	650 1.433	685 1.510	745 1.614
	<b>cc</b>	43-51	43-51	43-51	43-51	43-51	43-51
	<b>oil - L/min (gal/min)</b>	80-100 22-28	80-100 22-28	80-100 22-28	80-100 22-28	80-100 22-28	80-100 22-28
	<b>bar/psi (min-max)</b>	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200
	<b>transmission</b>	1 (50 mm)	1 (50 mm)	1 (50 mm)	1 (50 mm)	1 (50 mm)	1 (50 mm)
	<b>rotor diameter cm/inch</b>	46 18	46 18	46 18	46 18	41 16	41 16
		16	20	14	18	30	36

### Technical features and standard equipment

- MZ Helicoidal Rotor with hammers austempered and cutting blade interchangeable
- FS Forestal flanged rotor with 360° rotating hammer
- DF Forestal rotor fixed teeth
- Toothed high-performance belts transmission
- Internally reinforced double-case body with interspace
- Protective belts cover
- Symmetric shearing head, for faster cut with the rotation of the excavator
- Input and output mouths completely identical
- Mechanically adjustable hood, fully openable for higher cutting capacity
- Side skids adjustable on 3 positions to change the height of the cut
- Inside Rotor Supports with "labyrinth" for the protection of the bearings from the impurities
- Double Row spherical or rollers adjustable bearings of 1<sup>st</sup> quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Cast iron gear motor
- Accident prevention chains protections according to EC directives

### Accessories

- Mounting hitch (pins version) 8.1-12.0 ton
- Pins kit 8.1-12.0 ton
- Quick hitch 8.1-12.0
- Mounting hitch (pins version) 12,1-16,0 ton
- Pins kit 12,1-16,0 ton
- Hoses kit Lg. 2,5 meters or Lg. on request
- Hoses kit Lg. 2,5 meters for piston motor
- Feeler roller
- Self-levelling support (+60kg)
- Piston motor (no valves block)
- Valves block 1" for piston motor
- Hydraulic rotation device (no self-levelling support)
- Valves block deduction, only anticavitation

### Cast iron hydraulic gear motor range

	<b>ton</b>	8.0-10.0	10.0-12.0
	<b>cc</b>	43	51
	<b>oil - L/min gal/min</b>	80 22	100 28

### Piston motor (accessory)

	<b>ton</b>	8.0-11.0	11.0-13.0	13.0-16.0
	<b>cc</b>	45	63	80
	<b>oil - L/min gal/min</b>	90 24	120 32	150 40
	<b>bar/psi (min-max)</b>	200-300 2.900-4.350	200-300 2.900-4.350	200-300 2.900-4.350



# T15

For excavators 10.0-25.0 ton



**MZ**



**FR**



**DF**



**HF6**  
Ø max 8 cm  
**STANDARD EQUIPMENT**



**HF11 (FR130)**  
**HF13 (FR160)**  
Ø max 25 cm  
**STANDARD EQUIPMENT**



**HF14**  
Ø max 25 cm  
**STANDARD EQUIPMENT**













**KF7**  
Ø max 6 cm



**HF10 (FR130)**  
**HF12 (FR160)**  
Ø max 25 cm



**HF15**  
Ø max 20 cm

		<b>T15 MZ130</b>	<b>T15 MZ160</b>	<b>T15 FR130</b>	<b>T15 FR160</b>	<b>T15 DF130</b>	<b>T15 DF160</b>
	<b>ton</b>	10.0 – 25.0	12.0–25.0	12.0–25–0	15.0–25.0	12.0–25.0	16.0–25.0
	<b>cm/inch</b>	130 52	160 63	130 52	160 63	130 52	160 63
	<b>cm/inch</b>	160x80x85 63x32x34	190x80x85 75x32x34	160x80x85 63x32x34	190x80x85 75x32x34	160x80x85 63x32x34	190x80x85 75x32x34
	<b>kg/lbs</b>	650 1.433	750 1.653	920 2.028	1.020 2.249	950 2.094	1.050 2.315
	<b>cc</b>	32/64	32/64	32/64	32/64	32/64	32/64
	<b>oil - L/min (gal/min)</b>	90–180 25–50	90–180 25–50	90–180 25–50	90–180 25–50	90–180 25–50	90–180 25–50
	<b>bar/psi (min-max)</b>	200–250 2.900–3.600	200–250 2.900–3.600	200–250 2.900–3.600	200–250 2.900–3.600	200–250 2.900–3.600	200–250 2.900–3.600
	<b>transmission</b>	1 (50 mm)	1 (50 mm)	1 (50 mm)	1 (50 mm)	1 (50 mm)	1 (50 mm)
	<b>rotor diameter cm/inch</b>	46 18	46 18	41 16	41 16	41 16	41 16
		20	20	26	32	36	42

### Technical features and standard equipment

- Piston motor variable displacement (manual adjustment)
- MZ Helicoidal Rotor with hammers austempered and cutting blade interchangeable
- FR Forestal with 360° rotating hammer
- DF Forestal rotor, fixed teeth
- Toothed high-performance belts transmission
- Internally reinforced double-case body with interspace
- Protective belts cover
- Symmetric shearing head, for faster cut with rotation of the excavator
- Input and output mouths completely identical, adjustable
- Hydraulic frontal hood, fully openable for higher cutting capacity
- Inside Rotor Supports with "labyrinth" for the protection of the bearings from the impurities
- Adjustable bearings of 1<sup>st</sup> quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Accident prevention chains protections according to EC directives

### Accessories

- Mounting hitch (pins version) 8.1–12.0 ton
- Pins kit 8.1–12.0 ton
- Quick hitch 8.1–12.0
- Mounting hitch (pins version) 12,1–16,0 ton
- Pins kit 12,1–16,0 ton
- Mounting hitch (pins version) 16,1–25,0 ton
- Pins kit 16,1–25,0 ton
- Hoses kit Lg. 2,5 meters
- Front hood mechanical opening
- Rear hood hydraulic opening (simultaneously to front hood)
- Electrovalve for hydraulic hood

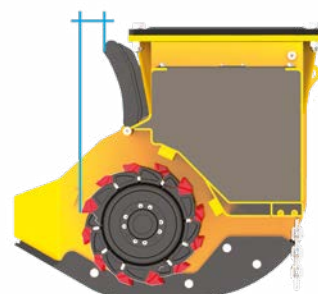


# T20

For excavators 16.0-30.0 ton



Forward rotor



DF



**HF14**  
Ø max 30 cm  
**STANDARD  
EQUIPMENT**



**HF15**  
Ø max 25 cm



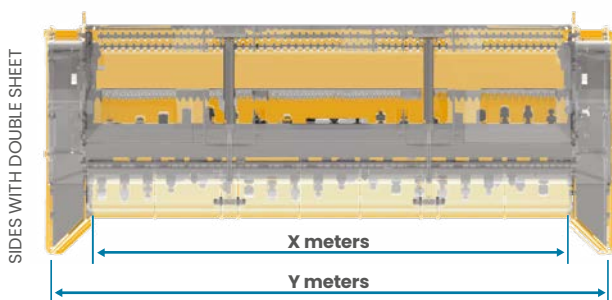
		T20 DF130	T20 DF160	T20 DF180
	ton	16.0-30.0	18.0-30.0	20.0-30.0
	cm/inch	130 52	160 63	180 71
	cm/inch	170x100x90 67x40x36	200x100x90 79x40x36	220x100x90 79x40x36
	kg/lbs	1.050 2.315	1.185 2.612	1.320 2.910
	cc	45-60-80	45-60-80	45-60-80
	oil - L/min (gal/min)	100-130-180 28-35-48	100-130-180 28-35-48	100-130-180 28-35-48
	bar/psi (min-max)	200-350 2.900-5.100	200-350 2.900-5.100	220-350 2.900-5.100
	transmission	1 (55 mm)	1 (55 mm)	1 (55 mm)
	rotor diameter cm/inch	41 16	41 16	41 16
		36	42	54

### Technical features and standard equipment

- Piston motor
- DF Rotor with fixed teeth in width or hardened blade
- Helicoidal rotor with 3 screws
- Forged and hardened counter-blades
- Very hard anti-wear frame
- Funnel-shaped frame for higher cutting capacity
- Toothed high-performance belts transmission
- Internally reinforced double-case body with interspace
- Protective belts cover
- Hydraulic hoods, fully openable for higher cutting capacity
- Inside Rotor Supports with "labyrinth" for the protection of the bearings from the impurities
- Adjustable bearings of 1<sup>st</sup> quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Dual row protection chains
- Accident prevention chains protections according to EC directives

### Funnel shaped

<b>X</b>	1.30	1.60	1.80
<b>Y</b>	1.60	1.90	2.10



### Accessories

- Mounting hitch (pins version) 16,1-25,0 ton
- Pins kit 16,1-25,0 ton
- Hoses kit Lg. 2.5 meters
- Automatic variable displacement piston motor
- Electrovalve for hydraulic hood

### Hydraulic piston motor range

	ton	16.0-18.0	18.0-25.0	25.0-30.0
	cc	45	60	80
	oil - L/min gal/min	100 28	130 35	180 48

### Automatic variable displacement piston motor (accessory)

	ton	18.0-25.0
	cc	65/80
	oil - L/min gal/min	180 48

# NEW ROTOR

DFX | FIXED TEETH

**PATENTED**

For excavators 16.0–30.0 ton

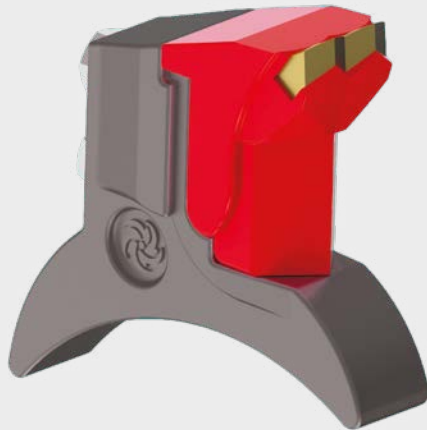


## **BITE LIMITER**

The new evolution of the hydraulic mulchers range.

The main innovation is at its heart, the brand new fixed teeth rotor with a tool and carrier system patented by FEMAC.

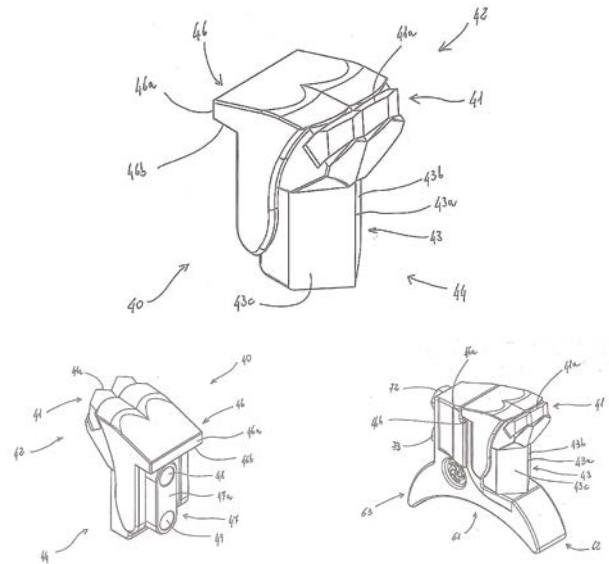




HF20

## The new type of FEMAC fixed-tooth

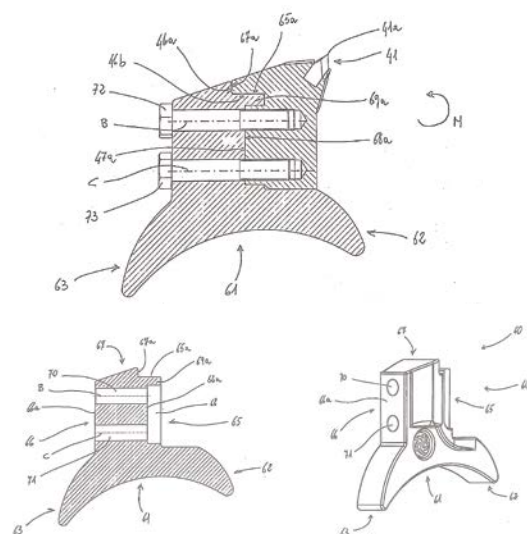
introduces the double edge technology: the usual horizontal edge and an additional vertical edge.



HF21

## The new vertical edge

makes it easier to break the wooden material, especially if it's of great dimension. The double edge is implemented in both the tool types: double width insert or hammer.

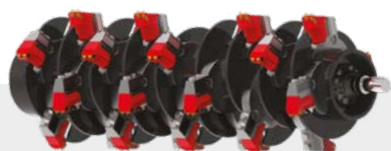


The coupling system designed by FEMAC, using an interference and double screw mount, ensures an extreme resistance to external forces.



# T21 DFX REV

For excavators 16.0-30.0 ton













**DFX**



**HF20**  
Ø max 50 cm  
**STANDARD  
EQUIPMENT**



**HF21**  
Ø max 35 cm

		<b>T21 DFX130 REV</b>	<b>T21 DFX160 REV</b>
	<b>ton</b>	16.0-30.0	18.0-30.0
	<b>cm/inch</b>	130 52	160 63
	<b>cm/inch</b>	170x87x106 67x35x42	190x87x106 75x35x42
	<b>kg/lbs</b>	1.300 2.866	1.400 3.087
	<b>cc</b>	45-60-80	45-60-80
	<b>oil - L/min (gal/min)</b>	100-130-180 27-35-48	100-130-180 27-35-48
	<b>bar/psi (min-max)</b>	200-350 2.900-5.100	200-350 2.900-5.100
	<b>transmission</b>	1 (55 mm)	1 (55 mm)
	<b>rotor diameter cm/inch</b>	50 20,5	50 20,5
		28	32




### Technical features and standard equipment

- Piston motor
- DFX Rotor with fixed teeth in widia or hardened blade, Femac patented
- Helicoidal rotor with 4 screws
- Forged and hardened counter-blades
- Very hard anti-wear frame
- Symmetric shearing head, for faster cut with the rotation of the excavator
- Input and output mouths completely identical, adjustable
- Toothed high-performance belts transmission
- Internally reinforced double-case body with interspace
- Protective belts cover
- Hydraulic hoods, fully openable for higher cutting capacity
- Inside Rotor Supports with "labyrinth" for the protection of the bearings from the impurities
- Adjustable bearings of 1<sup>st</sup> quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Accident prevention chains protections according to EC directives

### Accessories

- Mounting hitch (pins version) 16,1-25,0 ton
- Pins kit 16.1-25.0 ton
- Hoses kit Lg. 2.5 meters
- Front hood mechanical opening
- Rear hood hydraulic opening (simultaneously to front hood)
- Elettrovalve for hydraulic hood
- Automatic variable displacement piston motor

### Hydraulic piston motor range

	<b>ton</b>	16.0-18.0	18.0-25.0	25.0-30.0
	<b>CC</b>	45	60	80
	<b>oil - L/min gal/min</b>	100 28	130 35	180 48

# S5

For skid steer loader 50-90 hp



MZ













HF16  
Ø max 8 cm  
STANDARD  
EQUIPMENT



KF3  
Ø max 6 cm



		<b>S5 MZ160</b>	<b>S5 MZ180</b>	<b>S5 MZ200</b>
	hp	50-90	50-90	50-90
	cm/inch	160 63	180 71	200 79
	cm/inch	182x120x110 72x48x44	202x120x110 80x48x44	222x120x110 87x48x44
	kg/lbs	890 1.962	930 2.050	970 2.138
	cc	27-34-43-51	27-34-43-51	27-34-43-51
	oil - L/min (gal/min)	60-70-90-100 16-22-24-28	60-70-90-100 16-22-24-28	60-70-90-100 16-22-24-28
	bar/psi (min-max)	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200
	transmission	4	4	4
	rotor diameter cm/inch	55	55	55
		18	20	22



### Technical features and standard equipment

- Floating self levelling universal hitch.
- MZ Helicoidal Rotor with austempered hammers and cutting blade interchangeable
- Mechanical side shift
- Toothed high-performance V-belts transmission
- Internally reinforced double-case body with interspace
- Protective belts cover
- Inside Rotor Supports with "labyrinth" for the protection of the bearings from the impurities
- Bearings of 1<sup>st</sup> quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Cast iron gear motor
- Accident prevention protections according to EC directives




### Accessories

- Price reduction for fixed type hitch
- Hydraulic side shift
- Diverter valve, to operate the hydraulic side shift
- Hoses kit Lg. 3 meters
- Variable displacement piston motor
- Hitch coupler for articulated backhoe-loaders, backhoe loaders, telescopic loaders

### Cast iron hydraulic gear motor range

	CC	27	34	43	51
	oil - L/min gal/min	60 16	70 18	90 24	100 28

### Variable displacement piston motor (accessory)

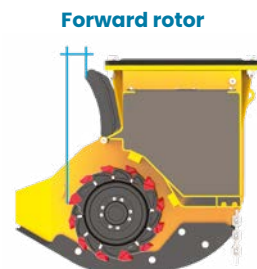
	CC	32/64
	oil - L/min gal/min	70-140 18-37
	bar/psi (min-max)	200-250 2.900-3.600

### It's recommended to:

- Choose the width of the mulcher like the width of the skid steer loader bucket
- Fit pistons motor if the skid steer loader has HF (High Flow)

# S10

For skid steer loader 70-120 hp













**DF**



**HF14**  
Ø max 30 cm  
**STANDARD  
EQUIPMENT**



**HF15**  
Ø max 25 cm

		<b>S10 DF160</b>	<b>S10 DF180</b>
	hp	70-120	70-120
	cm/inch	160 63	180 71
	cm/inch	200x100x160 79x40x63	220x100x160 87x40x63
	kg/lbs	1.285 2.833	1.420 3.131
	cc	45-60-80	45-60-80
	oil - L/min (gal/min)	100-130-180 28-35-48	100-130-180 28-35-48
	bar/psi (min-max)	200-350 2.900-5.100	200-350 2.900-5.100
	transmission	1 (55 mm)	1 (55 mm)
	rotor diameter cm/inch	41 16	41 16
		42	54

### Technical features and standard equipment

- Piston motor
- Fixed universal hitch
- DF Rotor with fixed teeth in widia or hardened blade
- Helicoidal rotor with 3 screws
- Forged and hardened counter-blades
- Very hard anti-wear frame
- Funnel-shaped frame for higher cutting capacity
- Toothed high-performance belts transmission
- Internally reinforced double-case body with interspace
- Protective belts cover
- Hydraulic hoods, fully openable for higher cutting capacity
- Inside Rotor Supports with "labyrinth" for the protection of the bearings from the impurities
- Adjustable bearings of 1<sup>st</sup> quality
- Manometer for working pressure control
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Dual row protection chains for better protection
- Accident prevention chains protections according to EC directives
- Mechanical push frame



### Accessories

- Electrovalve for hydraulic hood
- Hoses kit Lg. 2,5 meters
- Automatic variable displacement piston motor

### Hydraulic piston motor range

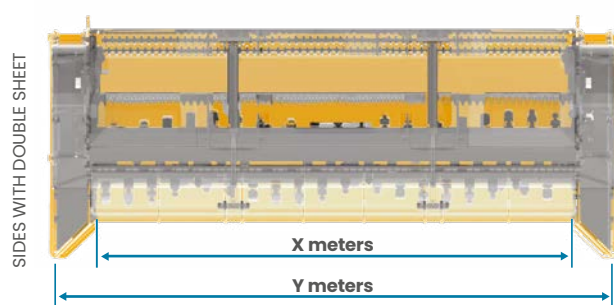
	CC	45	60	80
	oil - L/min gal/min	100 28	130 35	180 48

### Automatic variable displacement piston motor (accessory)

	CC	65/80
	oil - L/min gal/min	180 48

### Funnel shaped

<b>X</b>	1.60	1.80
<b>Y</b>	1.90	2.10





**FEMAC** 



# REAR HEDGE MOWERS

# EQUIPMENT FOR REAR HEDGE MOWERS

## Mechanical release



Safety shockproof mechanism that protects the boom in case of impact with obstacles.

## Hydraulic release



Hydraulic safety rotation breakaway with anti-shock valve that protects the boom in case of impact with obstacles.

## P version



Mechanism that allows flush wheel work with long extension machines, with excellent speed and agility of maneuver.

## S version



Terminal with telescopic extension.



## A version



Machine with advancing central boom, for perfect visibility during the work phase.

## Self-levelling floating system

Operator-activated function to automatically keep the mulching head parallel to the ground.

## Electric distributor with joystick

Boom movements are operated by joystick with on-off type electric control.

## Proportional servo-assisted with joystick

The boom is operated by low-pressure hydraulic controls that allow proportional modulation of movements according to the tilt of the joystick.

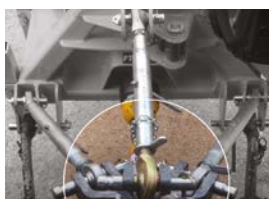


## Biaxial proportional distributor with joystick SAUER DANFOSS

Boom movements are controlled by an electric system with proportional compensated signal based on the tilt of the joystick. Allows up to 3 movements to be performed simultaneously.

## Rear flail head hitch

Allows a greater angle of rotation of the flail head and puts it in a more forward position, improving working comfort.



## Tie rods adapter

To be attached to the third point of the tractor, it has two forks suited to mount the tie rods to the rear hedge mower.

## Trestle bracing + tie rods adapter



System for anchoring the tractor lift arms, increases the stability of the machine while working.

## Blower

Attached to the frame of the machine allows the road surface to be cleared of mowing debris. It has to be connected to the hydraulic system of the tractor.

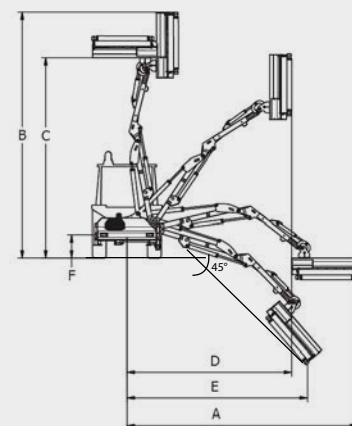
# DOC 101

For tractors 20-40 hp (3 m / 3,8 m)

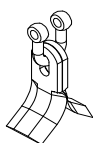


Hydraulic hedge mower with side shift and mechanical release safety device for tractors HP 20/40 and weight 1000/2500 kg, with small size in phase of closing and with the possibility of several solutions of attachment: rear right, rear left, front right, front left.

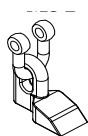
DOC 101	3.0	3.8
A mm	3.000	3.800
B mm	3.200	4.000
C mm	2.100	2.900
D mm	1.200	2.000
E mm	2.000	2.800
F mm	550	550



**Rotor with shackle** (exchangeable tools)



**KC1**  
Ø max 3 cm  
**STANDARD EQUIPMENT**



**HC1**  
Ø max 4 cm



**HF2**  
Ø max 5 cm



**Tools n. 14 kits per rotor**

**Arm mower**

	DOC 101 3.0	DOC 101 3.8
<b>Extension</b> mm	3.000	3.800
<b>Weight</b> kg	400	440
<b>Oil tank</b> L	60	60
<b>Head</b> model	T3	T3
<b>Pump</b> l/min	40+15	40+15
<b>Hydraulic Motor</b> HP [kW]	20 (15)	20 (15)

**Tractor**

<b>Power</b> HP [kW]	20/30 (15/22)	30/40 (22/30)
<b>3-point linkage</b> Cat.	Cat. 1	Cat. 1
<b>Weight</b> kg	1.000	1.500
<b>Width</b> m	1,00	1,20
<b>PTO</b> rpm	540	540

**Technical features and standard equipment**

- Frame – 1<sup>st</sup> arm – 2<sup>nd</sup> arm in structural steel ST 52
- Three points hitch 1<sup>st</sup> category
- Oil tank 60 l
- Double gear pump group 2+2 – 40+15 l/min
- Bidirectional hydraulic motor HP 20 power
- Distributor with remote controls with mm 3000 flexible cables
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Head rotating angle 200°
- Helicoidal rotor with jointed cut blade KC1
- Rotor turning at 3000 rpm
- Fixing tie-rods
- Rear underrun protection with lights
- Flail head mm 900 MODEL T3 90 with direct transmission

**Accessories on request**

- Heat exchanger
- Electric distributor with joystick
- Electric command of the rotor
- Flail head mm 700 T3 70 – n. 10 kits of tools for rotor
- Tie rods adapter

**Terminal tools**

In replacement of the standard mulcher

p.82



**HEDGE CUTTING BAR**

BF15

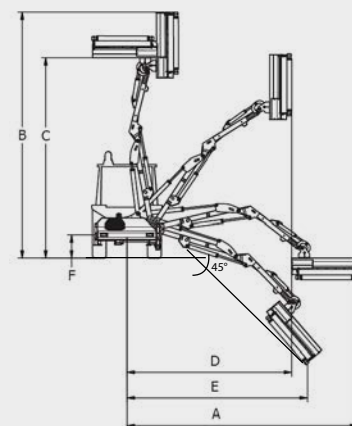


# DOC 201

For tractors 50-70 hp (4,3 m/5,0 m)

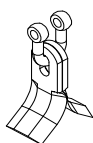


Hydraulic hedge mower with side shift and mechanical release safety device for tractors HP 50/70 and weight 2000/2500 kg, suitable for working on local and trunk roads and farms.

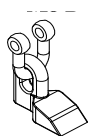


DOC 201	4.3	5.0
A mm	4.300	5.000
B mm	4.500	5.200
C mm	3.200	4.000
D mm	2.300	3.100
E mm	3.100	3.900
F mm	550	550

Rotor with shackle (exchangeable tools)



**KC1**  
Ø max 3 cm  
**STANDARD  
EQUIPMENT**



**HC1**  
Ø max 4 cm



**HF2**  
Ø max 5 cm



Tools n. 16 kits per rotor

### Arm mower

	DOC 201 4.3	DOC 201 5.0
<b>Extension</b> mm	4.300	5.000
<b>Weight</b> kg	650	685
<b>Oil tank</b> L	100	100
<b>Head</b> model	20.2	20.2
<b>Pump</b> l/min	60+15	60+15
<b>Hydraulic Motor</b> HP [kW]	35 (26)	35 (26)

### Tractor

<b>Power</b> HP [kW]	50/70 (37/52)	50/70 (37/52)
<b>3-point linkage</b> Cat.	Cat. 1-2	Cat. 1-2
<b>Weight</b> kg	2.000	2.500
<b>Width</b> m	1,80	2
<b>PTO</b> rpm	540	540

### Technical features and standard equipment

- Frame – 1<sup>st</sup> arm – 2<sup>nd</sup> arm in structural steel ST 52
- Three points hitch 2<sup>nd</sup> category
- Oil tank 100 l
- Double gear pump group 3+2 – 60+15 l/min
- Bidirectional hydraulic motor HP 42 power
- Distributor with remote controls with mm 3000 flexible cables
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Head rotating angle 200°
- Helicoidal rotor with jointed cut blade KC1
- Rotor turning at 3000 rpm
- Fixing tie-rods
- Cardan joint
- Rear underrun protection with lights
- Flail head mm 1050 MODEL 20.2 TTD 105 with direct transmission

### Accessories on request

- Heat exchanger
- Electric distributor with joystick
- Electric command of the rotor
- Proportional power-assisted with joystick
- Tie rods adapter Cat. 2

### Terminal tools

In replacement of the standard mulcher

p.76



**MODEL**

T3 90  
T3 70

p.82



**HEDGE CUTTING BAR**

BF15

p.83



**PRUNING SHEAR BAR**

BTZ5 15  
BTZ5 18  
BTZ10 16

p.84



**FOREST CUTTING DISC BAR**

BD2

p.85



**DITCH CLEANER**

PF40



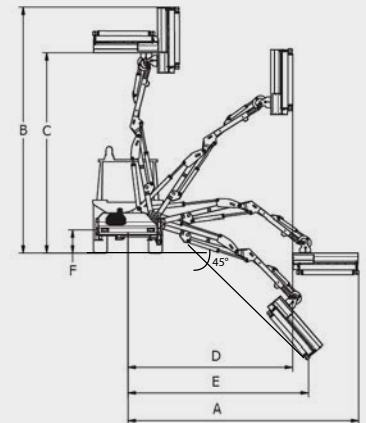
# DOC 202

For tractors 50-70 hp (4,3 m / 5,0 m)

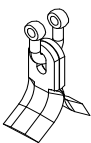


Hydraulic hedge mower with side shift and 90° rotating column with shock resistant hydraulic safety device for tractors HP 50/70 and weight 2400/2800 kg, suitable for working on local and trunk roads and farms.

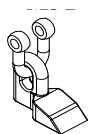
DOC 202	4.3	5.0
A mm	4.300	5.000
B mm	4.500	5.200
C mm	3.400	4.200
D mm	2.500	3.300
E mm	3.300	4.100
F mm	550	550



Rotor with shackle (exchangeable tools)



**KC1**  
Ø max 3 cm  
**STANDARD EQUIPMENT**



**HC1**  
Ø max 4 cm



**HF2**  
Ø max 5 cm



Tools n. 16 kits per rotor



### Arm mower

	DOC 202 4.3	DOC 202 5.0
<b>Extension</b> E mm	4.300	5.000
<b>Weight</b> kg	730	760
<b>Oil tank</b> L	100	100
<b>Head</b> model	20.2	20.2
<b>Pump</b> l/min	60+15	60+15
<b>Hydraulic Motor</b> HP [kW]	35 (26)	35 (26)

### Tractor

<b>Power</b> HP [kW]	50/70 (37/52)	50/70 (37/52)
<b>3-point linkage</b> Cat.	Cat. 1-2	Cat. 1-2
<b>Weight</b> kg	2.400	2.800
<b>Width</b> m	1,80	2
<b>PTO</b> rpm	540	540

### Technical features and standard equipment

- Frame – 1<sup>st</sup> arm – 2<sup>nd</sup> arm in structural steel ST 52
- 90° rotating column and shock resistant hydraulic safety device
- Three points hitch 2<sup>nd</sup> category
- Oil tank 100 l
- Double gear pump group 3+2 – 60+15 l/min
- Bidirectional hydraulic motor HP 35 power
- Distributor with remote controls with mm 3000 flexible cables
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Head rotating angle 200°
- Helicoidal rotor with jointed cut blade KC1
- Rotor turning at 3000 rpm
- Fixing tie-rods – Cardan joint
- Rear underrun protection with lights
- Flail head mm 1050 MODEL 20.2 TTD 105 with direct transmission

### Accessories on request

- Heat exchanger
- Electric distributor with joystick
- Electric command of the rotor
- Proportional power-assisted with joystick
- Tie rods adapter Cat. 2

### Terminal tools

In replacement of the standard mulcher

p.76



**MODEL**  
T3 90  
T3 70

p.82



**HEDGE CUTTING BAR**  
BF15

p.83



**PRUNING SHEAR BAR**  
BTZ5 15  
BTZ5 18  
BTZ10 16

p.84



**FOREST CUTTING DISC BAR**  
BD2

p.85



**DITCH CLEANER**  
PF40

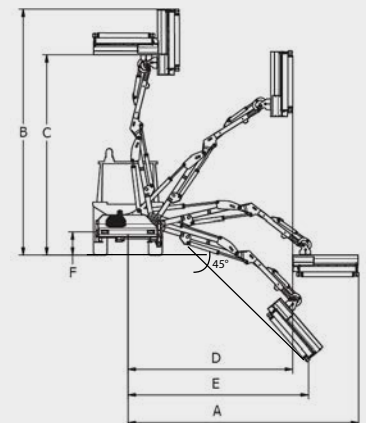
# DOC 303

For tractors 70-90 hp (5 m / 5,7 m)

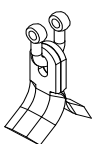


Hydraulic hedge mower with side shift and mechanical release safety device for tractors HP 70/90 and weight 3000/3500 kg, suitable for working on local and trunk roads and farms.

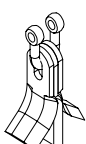
DOC 303	5.0	5.7
A mm	5.000	5.700
B mm	5.200	5.900
C mm	4.100	4.800
D mm	3.200	3.900
E mm	4.000	4.700
F mm	550	550



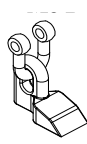
## Rotor with shackle (exchangeable tools)



**KC2**  
Ø max 2 cm  
**STANDARD EQUIPMENT**

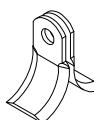


**KC3**  
Ø max 2 cm

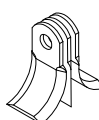


**HC1**  
Ø max 4 cm

## Rotor with bolt (exchangeable tools)



**KF2**  
Ø max 3 cm



**KF3**  
Ø max 3 cm



**HF3**  
Ø max 6 cm



Tools n. 16 kits per rotor

### Arm mower

	DOC 303 5.0	DOC 303 5.7
<b>Extension</b> E mm	5.000	5.700
<b>Weight</b> kg	820	880
<b>Oil tank</b> L	150	150
<b>Head</b> model	30.3	30.3
<b>Pump</b> l/min	80+20	80+20
<b>Hydraulic Motor</b> HP [kW]	45 (33)	45 (33)

### Tractor

<b>Power</b> HP [kW]	70/90 (51/6)	70/90 (51/6)
<b>3-point linkage</b> Cat.	Cat. 1-2	Cat. 1-2
<b>Weight</b> kg	3.000	3.500
<b>Width</b> m	2	2,2
<b>PTO</b> rpm	540	540

### Technical features and standard equipment

- Frame – 1<sup>st</sup> arm – 2<sup>nd</sup> arm in structural steel ST 52
- Three points hitch 2<sup>nd</sup> category
- Oil tank 150 l
- Double gear pump group 3+2 – 80+20 l/min
- Bidirectional hydraulic motor HP 45 power
- Distributor with remote controls with mm 3000 flexible cables
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Head rotating angle 200° with upper attachment
- Helicoidal rotor with jointed cut blade KC2
- Rotor turning at 3000 rpm
- Fixing tie-rods
- Cardan joint
- Rear underrun protection with lights
- Flail head mm 1050 MODEL 30.3 TTD 105 with direct transmission

### Accessories on request

- Nitrogen accumulator for 1<sup>st</sup> arm suspension
- Heat exchanger
- Electric distributor with joystick
- Electric command of the rotor
- Proportional power-assisted with joystick
- Rear flail head hitch
- Tie rods adapter Cat. 2
- Flail head mm 1250 – n. 20 kits of tools per rotor

### Terminal tools

In replacement of the standard mulcher

p.82



**HEDGE CUTTING BAR**

BF15

p.83



**PRUNING SHEAR BAR**

BTZ5 15  
BTZ5 18  
BTZ10 16  
BTZ10 19  
BTZ10 22

p.84



**FOREST CUTTING DISC BAR**

BD2  
BD3

p.85



**DITCH CLEANER**

PF60

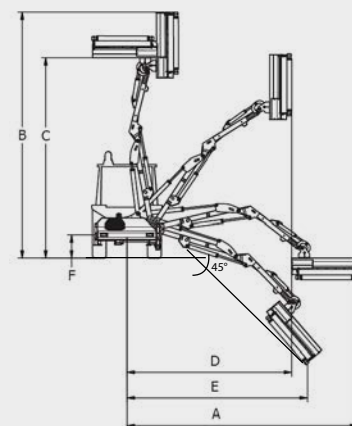


# DOC 302

For tractors 80-130 hp (5,5 m / 6,0 m / 6,5 m)

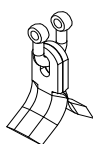


Hydraulic hedge mower with side shift and 90° rotating column with shock resistant hydraulic safety device for tractors HP 80/130 and weight 3500/4500 kg, suitable for working on local and trunk roads and farms.

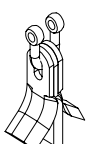


DOC 302	5.5	6.0	6.5	S
A mm	5.500	6.000	6.500	6.000
B mm	5.700	6.200	6.700	6.200
C mm	4.400	4.500	5.400	4.500
D mm	3.500	4.000	4.500	4.000
E mm	4.300	4.800	5.300	4.800
F mm	550	550	550	550

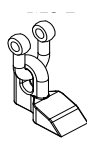
## Rotor with shackle (exchangeable tools)



**KC2**  
Ø max 2 cm  
**STANDARD EQUIPMENT**



**KC3**  
Ø max 2 cm



**HC1**  
Ø max 4 cm

## Rotor with bolt (exchangeable tools)



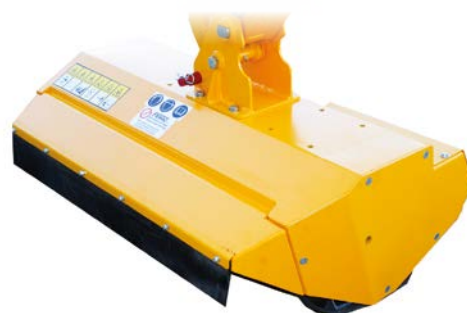
**KF2**  
Ø max 3 cm



**KF3**  
Ø max 3 cm



**HF3**  
Ø max 6 cm



Tools n. 20 kits per rotor

Arm mower	DOC 302 5.5	DOC 302 6.0	DOC 302 6.5	DOC 302 S
<b>Extension</b> E mm	5.500	6.000	6.500	6.000
<b>Weight</b> kg	1.100	1.150	1.200	1.300
<b>Oil tank</b> L	160	160	160	160
<b>Head</b> model	30.3 TTD 125	30.3 TTD 125	30.3 TTD 125	30.3 TTD 125
<b>Pump</b> l/min	100+20	100+20	100+20	100+20
<b>Hydraulic Motor</b> HP [kW]	55 (40)	55 (40)	55 (40)	55 (40)

### Tractor

<b>Power</b> HP [kW]	80/110 (60/82)	80/110 (60/82)	80/110 (60/82)	80/130 (60/95)
<b>3-point linkage</b> Cat.	Cat. 2	Cat. 2	Cat. 2	Cat. 2
<b>Weight</b> kg	3.500	4.000	4.500	4.500
<b>Width</b> m	2,4	2,4	2,4	2,4
<b>PTO</b> rpm	540	540	540	540

### Technical features and standard equipment

- Frame – 1<sup>st</sup> arm – 2<sup>nd</sup> arm in structural steel ST 52
- 90° rotating column and shock resistant hydraulic safety device
- Three points hitch 2<sup>nd</sup> category
- Oil tank 160 l
- Double gear pump group 3+2 – 100+20 l/min
- Bidirectional hydraulic motor HP 55 power
- Distributor with remote controls with mm 3000 flexible cables
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Head rotating angle 200° with upper attachment
- Helicoidal rotor with jointed cut blade KC2
- Rotor turning at 3000 rpm
- Fixing tie-rods – Cardan joint
- Air-oil heat exchanger with radiating mass at high thermal exchange
- Rear underrun protection with lights
- Flail head mm 1250 MODEL 30.3 TTD 125 with direct transmission

### Accessories on request

- Nitrogen accumulator for 1<sup>st</sup> arm suspension
- Electric distributor with joystick
- Electric rotor commandr
- Proportional power-assisted with joystick
- Cast iron pump and motor
- Rear flail head hitch
- Tie rods adapter Cat. 2
- Flail head mm 1050 – n. 16 kit per rotor

### Terminal tools

In replacement of the standard mulcher

p.77	p.82	p.83	p.84	p.85
				
<b>MODEL</b>	<b>HEDGE CUTTING BAR</b>	<b>PRUNING SHEAR BAR</b>	<b>FOREST CUTTING DISC BAR</b>	<b>DITCH CLEANER</b>
<b>30.5 TTD 105</b>   280 kg/lbs	BF15	BTZ5 15	BD2	PF60
<b>30.5 TTD 130</b>   320 kg/lbs		BTZ5 18	BD3	
<b>30.5 TTC 105</b>   305 kg/lbs		BTZ10 16		
<b>30.5 TTC 130</b>   345 kg/lbs		BTZ10 19		
		BTZ10 22		



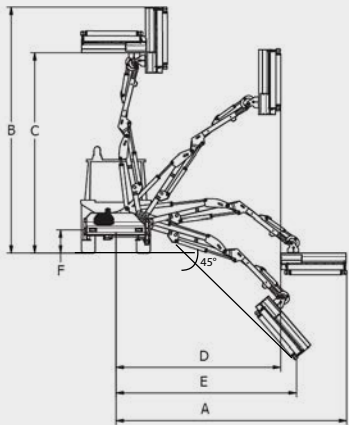
# DOC 302P – 302PS

For tractors 80-130 hp (5,5 m/6,0 m)

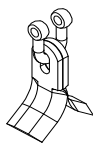


Hydraulic hedge mower with side shift and 100° rotating column with shock resistant hydraulic safety device for tractors HP 80/130 and weight 3500/4500 kg, suitable for working on local and trunk roads and farms.

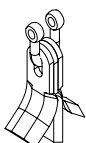
DOC 302	P	PS
A mm	5.500	6.000
B mm	5.700	6.200
C mm	4.600	4.700
D mm	3.700	4.200
E mm	4.500	5.000
F mm	550	550



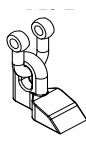
## Rotor with shackle (exchangeable tools)



**KC2**  
Ø max 2 cm  
**STANDARD EQUIPMENT**



**KC3**  
Ø max 2 cm



**HC1**  
Ø max 4 cm

## Rotor with bolt (exchangeable tools)



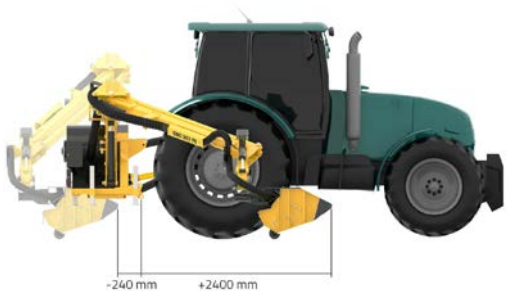
**KF2**  
Ø max 3 cm



**KF3**  
Ø max 3 cm



**HF3**  
Ø max 6 cm



Tools n. 20 kits per rotor



### Arm mower

	DOC 302 P	DOC 302 PS
<b>Extension</b> E mm	5.500	6.000
<b>Weight</b> kg	1.250	1.300
<b>Oil tank</b> L	160	160
<b>Head</b> model	30.3 TTD 125	30.3 TTD 125
<b>Pump</b> l/min	100+20	100+20
<b>Hydraulic Motor</b> HP [kW]	55 (40)	55 (40)

### Tractor

<b>Power</b> HP [kW]	80/130 (60/95)	80/130 (60/95)
<b>3-point linkage</b> Cat.	Cat. 2	Cat. 2
<b>Weight</b> kg	3.500	4.000
<b>Width</b> m	2,4	2,4
<b>PTO</b> rpm	540	540

### Technical features and standard equipment

- Frame – 1<sup>st</sup> arm – 2<sup>nd</sup> arm in structural steel ST 52
- 90° rotating column and shock resistant hydraulic safety device
- Three points hitch 2<sup>nd</sup> category
- Oil tank 160 l
- Double gear pump group 3+2 – 100+20 l/min
- Bidirectional hydraulic motor HP 55 power
- Distributor with remote controls with mm 3000 flexible cables
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Head rotating angle 200° with upper attachment
- Helicoidal rotor with jointed cut blade KC2
- Rotor turning at 3000 rpm
- Fixing tie-rods – Cardan joint
- Air-oil heat exchanger with radiating mass at high thermal exchange
- Rear underrun protection with lights
- Flail head mm 1250 MODEL 30.3 TTD 125 with direct transmission

### Accessories on request

- Nitrogen accumulator for 1<sup>st</sup> arm suspension
- Electric distributor with joystick
- Electric rotor command
- Proportional power-assisted with joystick
- Cast iron pump and motor
- Rear flail head hitch
- Tie rods adapter Cat. 2
- Flail head mm 1050 – n. 16 kit per rotor

### Terminal tools

In replacement of the standard mulcher

p.77



#### MODEL

**30.5 TTD 105** | 280 kg/lbs  
**30.5 TTD 130** | 320 kg/lbs

**30.5 TTC 105** | 305 kg/lbs  
**30.5 TTC 130** | 345 kg/lbs

p.82



#### HEDGE CUTTING BAR

BF15

p.83



#### PRUNING SHEAR BAR

BTZ5 15  
 BTZ5 18  
 BTZ10 16  
 BTZ10 19  
 BTZ10 22

p.84



#### FOREST CUTTING DISC BAR

BD2  
 BD3

p.85



#### DITCH CLEANER

PF60

# DOC 302 PA

For tractors 100-130 hp (5,5 m / 6,0 m)

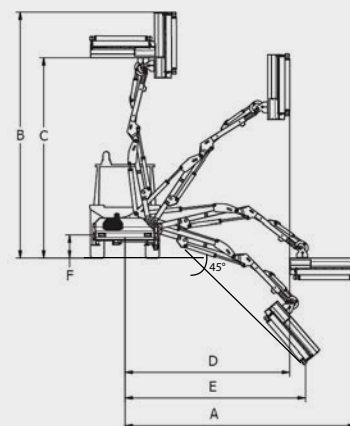


Hydraulic hedge mower with the side cabin forwarding and 100° rotating column with shock resistant hydraulic safety device for tractors HP 100/130 and weight 3500/4500 kg, suitable for working on local and trunk roads and farms.

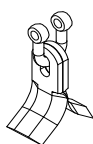
## DOC 302

## PA

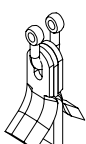
A mm	6.000 Max – 5.500 Avant
B mm	5.700
C mm	4.600
D mm	3.700
E mm	4.500
F mm	550



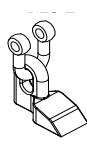
### Rotor with shackle (exchangeable tools)



**KC2**  
Ø max 2 cm  
**STANDARD EQUIPMENT**



**KC3**  
Ø max 2 cm



**HC1**  
Ø max 4 cm

### Rotor with bolt (exchangeable tools)



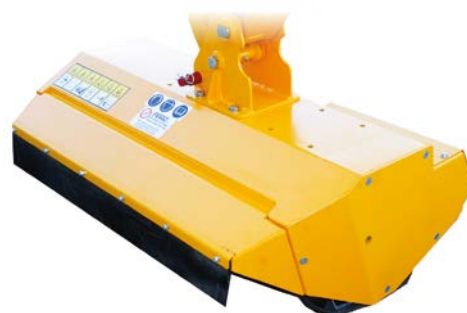
**KF2**  
Ø max 3 cm



**KF3**  
Ø max 3 cm



**HF3**  
Ø max 6 cm



Tools n. 20 kits per rotor

## Arm mower

## DOC 302 PA

<b>Extension</b> E mm	6.000 Max – 5.500 Avant
<b>Weight</b> kg	1.350
<b>Oil tank</b> L	160
<b>Head</b> model	30.3 TTD 125
<b>Pump</b> l/min	100+20
<b>Hydraulic Motor</b> HP [kW]	55 (40)

## Tractor

<b>Power</b> HP [kW]	100/130 (75/95)
<b>3-point linkage</b> Cat.	Cat. 2
<b>Weight</b> kg	4.500
<b>Width</b> m	2,4
<b>PTO</b> rpm	540

## Technical features and standard equipment

- Frame – 1<sup>st</sup> arm – 2<sup>nd</sup> arm in structural steel ST 52
- 90° rotating column and shock resistant hydraulic safety device
- Three points hitch 2<sup>nd</sup> category
- Oil tank 160 l
- Double gear pump group 3+2 – 100+20 l/min
- Bidirectional hydraulic motor HP 55 power
- Distributor with remote controls with mm 3000 flexible cables
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Head rotating angle 200° with upper attachment
- Helicoidal rotor with jointed cut blade KC2
- Rotor turning at 3000 rpm
- Fixing tie-rods – Cardan joint
- Air-oil heat exchanger with radiating mass at high thermal exchange
- Rear underrun protection with lights
- Flail head mm 1250 MODEL 30.3 TTD 125 with direct transmission

## Accessories on request

- Nitrogen accumulator for 1<sup>st</sup> arm suspension
- Electric distributor with joystick
- Electric rotor command
- Proportional power-assisted with joystick
- Cast iron pump and motor
- Rear flail head hitch
- Tie rods adapter Cat. 2
- Flail head mm 1050 – n. 16 kit per rotor

## Terminal tools

In replacement of the standard mulcher

p.77



### MODEL

**30.5 TTD 105** | 280 kg/lbs  
**30.5 TTD 130** | 320 kg/lbs

**30.5 TTC 105** | 305 kg/lbs  
**30.5 TTC 130** | 345 kg/lbs

p.82



### HEDGE CUTTING BAR

BF15

p.83



### PRUNING SHEAR BAR

BTZ5 15  
 BTZ5 18  
 BTZ10 16  
 BTZ10 19  
 BTZ10 22

p.84



### FOREST CUTTING DISC BAR

BD2  
 BD3

p.85



### DITCH CLEANER

PF60



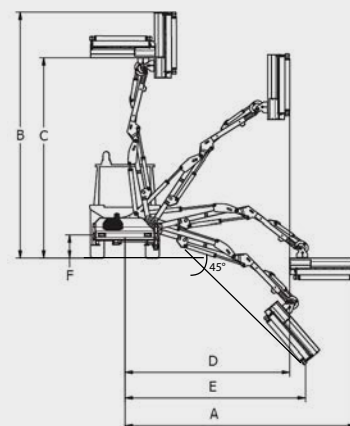
# DOC 400

For tractors 110-150 hp (5,5 m / 6,5 m)

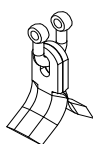


Hydraulic hedge mower of 5,5/6,5 m range, for tractors HP 110/150 and weight 4500/5000 kg, suitable for all working and roads, strong, compact, connected on the tractor in high position and fast on the motions.

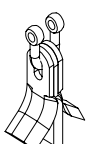
DOC 400	A/P	S/PS/AS
A mm	5.500	6.500
B mm	5.700	6.700
C mm	4.600	5.600
D mm	3.700	4.700
E mm	4.500	5.500
F mm	550	550



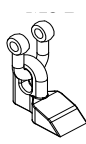
## Rotor with shackle (exchangeable tools)



**KC4**  
Ø max 2 cm  
**STANDARD EQUIPMENT**



**KC5**  
Ø max 2 cm



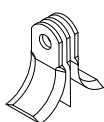
**HC2**  
Ø max 4 cm



## Rotor with bolt (exchangeable tools)



**KF4**  
Ø max 4 cm



**KF5**  
Ø max 4 cm



**KF6**  
Ø max 3 cm



**HF5**  
Ø max 6 cm



**HF4**  
Ø max 6 cm

Tools n. 20 kits per rotor

Arm mower	DOC 400	DOC 400 P	DOC 400 A	DOC 400 S	DOC 400 PS	DOC 400 AS
<b>Extension</b> E mm	5.500	5.500	5.500	6.500	6.500	6.500
<b>Telescopic</b>	0	0	0	1	1	1
<b>Weight</b> kg	1.100	1.150	1.200	1.300	1.350	1.400
<b>Oil tank</b> L	260	260	260	260	260	260
<b>Head</b> model	30.5	30.5	30.5	30.5	30.5	30.5
<b>Pump</b> l/min	100+20	100+20	100+20	100+20	100+20	100+20
<b>Hydraulic Motor</b> HP [kW]	55 (41)	55 (41)	55 (41)	55 (41)	55 (41)	55 (41)

### Tractor

<b>Power</b> HP [kW]	110/150 (73/110)	110/150 (73/110)	110/150 (73/110)	110/150 (73/110)	110/150 (73/110)	110/150 (73/110)
<b>Weight</b> kg	4.500	4.500	4.500	5.500	5.500	5.500
<b>Width</b> m	2,4	2,4	2,4	2,4	2,4	2,4
<b>PTO</b> rpm	540	540	540	540	540	540

### Technical features and standard equipment

- Frame in structural steel ST 52
- Highly resistant steel DOMEX700 for 1<sup>st</sup>, 2<sup>nd</sup> arm and telescopic extension terminal with hexagonal section
- Telescopic extension terminal on guide slides on ERTALON anti-wear material
- 90° rotating column and shock resistant hydraulic safety device
- Three points hitch 2<sup>nd</sup> and 3<sup>th</sup> category
- Oil tank 260 l
- Double gear pump group 3+2 - 100+20 l/min
- Bidirectional hydraulic motor HP 55 power
- Distributor with remote controls with mm 3000 flexible cables
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Head rotating angle 200°
- Helicoidal rotor with jointed cut blade KC4
- Rotor turning at 3000 rpm
- Fixing tie-rods
- Cardan joint
- Air-oil heat exchanger with radiating mass at high thermal exchange
- Rear underrun protection with lights
- Flail head mm 1300 MODEL 30.5 TTD 130 with direct transmission

### Accessories on request

- Nitrogen accumulator for 1<sup>st</sup> arm suspension
- Proportional power-assisted with joystick
- Biaxial prop. distributor with joystick SAUER DANFOSS
- Closed circuit piston Motor and Pump SAUER DANFOSS 70 hp
- Gear pump and motor PARKER - 80 hp
- Rear flail head hitch
- Belt transmission "TTC"
- Hydraulic flail head hood + additional hydraulic line (to be connected to the tractor)
- Blower (to be connected to the tractor)
- Trestle bracing + tie rods adapter
- Tie rods adapter Cat. 2 (3<sup>rd</sup> point pin 25 mm)
- Tie rods adapter Cat. 3 (3<sup>rd</sup> point pin 32 mm)

### Terminal tools

In replacement of the standard mulcher

p.83



**PRUNING SHEAR BAR**

BTZ10 16  
BTZ10 19  
BTZ10 22

p.84



**FOREST CUTTING DISC BAR**

BD3  
BD4

p.85



**DITCH CLEANER**

PF60  
PF80



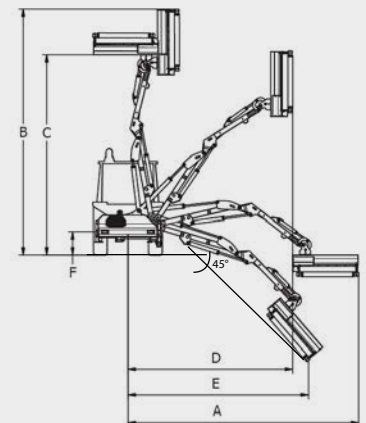
# DOC 500

For tractors 130-180 hp (7,5 m)

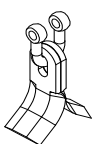


Hydraulic hedge mower of 7.5 m range, for tractors HP 130/180 and weight 6500 kg, suitable for heavy drainage and road mowing, strong, compact, connected on the tractor in high position and fast on the motions.

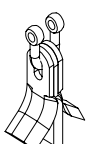
DOC 500	S/PS/AS
A mm	7.500
B mm	7.700
C mm	6.600
D mm	5.700
E mm	6.500
F mm	550



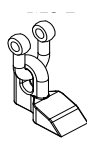
## Rotor with shackle (exchangeable tools)



**KC4**  
Ø max 2 cm  
**STANDARD EQUIPMENT**



**KC5**  
Ø max 2 cm



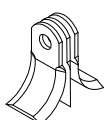
**HC2**  
Ø max 4 cm



## Rotor with bolt (exchangeable tools)



**KF4**  
Ø max 4 cm



**KF5**  
Ø max 4 cm



**KF6**  
Ø max 3 cm



**HF5**  
Ø max 6 cm



**HF4**  
Ø max 6 cm

**Tools n. 20 kits per rotor**



Arm mower	DOC 500 S	DOC 500 PS	DOC 500 AS
<b>Extension</b> E mm	7.500	7.500	7.500
<b>Telescopic</b>	1	1	1
<b>Weight</b> kg	1.680	1.750	1.780
<b>Oil tank</b> L	260	260	260
<b>Head</b> model	30.5	30.5	30.5
<b>Pump</b> l/min	120+20	120+20	120+20
<b>Hydraulic Motor</b> HP [kW]	67 (50)	67 (50)	67 (50)

### Tractor

<b>Power</b> HP [kW]	130/180 (97/132)	130/180 (97/132)	130/180 (97/132)
<b>Weight</b> kg	6.500	6.500	6.500
<b>Width</b> m	2,5	2,5	2,5
<b>PTO</b> rpm	540	540	540

### Technical features and standard equipment

- Frame in structural steel ST 52
- Highly resistant steel DOMEX700 for 1<sup>st</sup>, 2<sup>nd</sup> arm and telescopic extension terminal with hexagonal section
- Telescopic extension terminal on guide slides on ERTALON anti-wear material
- 90° rotating column and shock resistant hydraulic safety device
- Three points hitch 2<sup>nd</sup> and 3<sup>th</sup> category
- Oil tank 260 l
- Double gear pump group 3+2 - 100+20 l/min
- Bidirectional hydraulic motor HP 55 power
- Distributor with remote controls with mm 3000 flexible cables
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Head rotating angle 200°
- Helicoidal rotor with jointed cut blade KC4
- Rotor turning at 3000 rpm
- Fixing tie-rods
- Cardan joint
- Air-oil heat exchanger with radiating mass at high thermal exchange
- Rear underrun protection with lights
- Flail head mm 1300 MODEL 30.5 TTD 130 with direct transmission

### Accessories on request

- Nitrogen accumulator for 1<sup>st</sup> arm suspension
- Proportional power-assisted with joystick
- Biaxial proportional distributor with joystick SAUER DANFOSS
- Closed circuit piston Motor and Pump SAUER DANFOSS 70 hp
- Gear pump and motor PARKER - 80 hp
- Rear flail head hitch
- Belt transmission "TTC"
- Hydraulic flail head hood + additional hydraulic line (to be connected to the tractor)
- Blower (to be connected to the tractor)
- Trestle bracing + tie rods adapter
- Tie rods adapter Cat. 2 (3<sup>rd</sup> point pin 25 mm)
- Tie rods adapter Cat. 3 (3<sup>rd</sup> point pin 32 mm)

### Terminal tools

In replacement of the standard mulcher

p.83



#### PRUNING SHEAR BAR

BTZ10 16  
BTZ10 19  
BTZ10 22

p.84



#### FOREST CUTTING DISC BAR

BD3  
BD4

p.85



#### DITCH CLEANER

PF60  
PF80

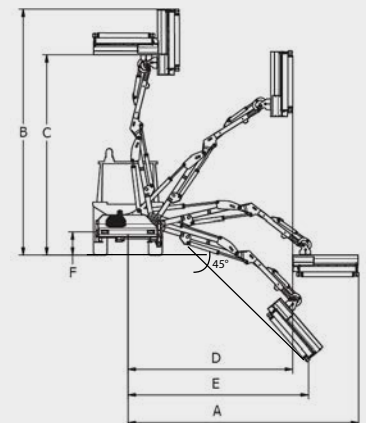
# DOC 600

For tractors 150- 200 hp (9 m)

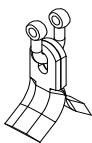


Hydraulic hedge mower of 9 m range, for tractors HP 150/200 and weight 7000 kg, suitable for heavy drainage and road mowing, strong, compact, connected on the tractor in high position and fast moving.

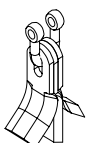
DOC 600	9.0
A mm	9.000
B mm	9.100
C mm	8.000
D mm	7.100
E mm	7.900
F mm	550



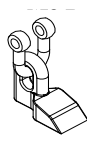
## Rotor with shackle (exchangeable tools)



**KC4**  
Ø max 2 cm  
**STANDARD EQUIPMENT**



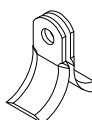
**KC5**  
Ø max 2 cm



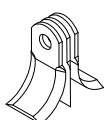
**HC2**  
Ø max 4 cm



## Rotor with bolt (exchangeable tools)



**KF4**  
Ø max 4 cm



**KF5**  
Ø max 4 cm



**KF6**  
Ø max 3 cm



**HF5**  
Ø max 6 cm



**HF4**  
Ø max 6 cm

Tools n. 20 kits per rotor

## Arm mower

## DOC 600

<b>Extension</b> E mm	9.000
<b>Telescopic</b>	2
<b>Weight</b> kg	1.810
<b>Oil tank</b> L	260
<b>Head</b> model	30.5
<b>Pump</b> l/min	120+20
<b>Hydraulic Motor</b> HP [kW]	67 (50)

## Tractor

<b>Power</b> HP [kW]	150/200 (112/149)
<b>Weight</b> kg	7.000
<b>Width</b> m	2,5
<b>PTO</b> rpm	540

## Technical features and standard equipment

- Frame in structural steel ST 52
- Highly resistant steel DOMEX700 for 1<sup>st</sup>, 2<sup>nd</sup> arm and telescopic extension terminal with hexagonal section
- Telescopic extension terminal on guide slides on ERTALON anti-wear material
- 90° rotating column and shock resistant hydraulic safety device
- Three points hitch 2<sup>nd</sup> and 3<sup>th</sup> category
- Oil tank 260 l
- Double gear pump group 3+2 - 100+20 l/min
- Bidirectional hydraulic motor HP 55 power
- Distributor with remote controls with mm 3000 flexible cables
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Head rotating angle 200°
- Helicoidal rotor with jointed cut blade KC4
- Rotor turning at 3000 rpm
- Fixing tie-rods
- Cardan joint
- Air-oil heat exchanger with radiating mass at high thermal exchange
- Rear underrun protection with lights
- Flail head mm 1300 MODEL 30.5 TTD 130 with direct transmission

## Accessories on request

- Nitrogen accumulator for 1<sup>st</sup> arm suspension
- Proportional power-assisted with joystick
- Biaxial prop. distributor with joystick SAUER DANFOSS
- Closed circuit piston Motor and Pump SAUER DANFOSS 70 hp
- Gear pump and motor PARKER - 80 hp
- Rear flail head hitch
- Belt transmission "TTC"
- Hydraulic flail head hood + additional hydraulic line (to be connected to the tractor)
- Blower (to be connected to the tractor)
- Trestle bracing + tie rods adapter
- Tie rods adapter Cat. 2 (3<sup>rd</sup> point pin 25 mm)
- Tie rods adapter Cat. 3 (3<sup>rd</sup> point pin 32 mm)

## Terminal tools

In replacement of the standard mulcher

p.83



### PRUNING SHEAR BAR

BTZ10 16  
BTZ10 19  
BTZ10 22

p.84



### FOREST CUTTING DISC BAR

BD3  
BD4

p.85



### DITCH CLEANER

PF60  
PF80

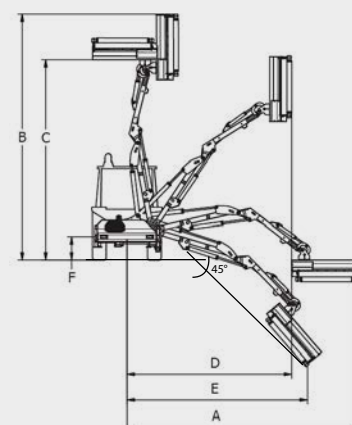


# VFR7 – VFR8T

For tractors 150–200 hp (7/8 m)

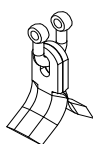


The VFR 8T combines three important features: the parallelogram geometry, a telescopic extension and the side cabin forwarding. These features are essential for an easy work in narrow spaces by long hedge mowers and all the comfort of the cutting head on the side of the cab for better visibility.

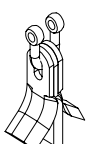


VFR	7	8T
A mm	7.000	8.000
B mm	7.200	8.200
C mm	6.100	7.100
D mm	5.200	6.200
E mm	6.100	7.100
F mm	550	550

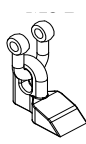
## Rotor with shackle (exchangeable tools)



**KC4**  
Ø max 2 cm  
**STANDARD EQUIPMENT**



**KC5**  
Ø max 2 cm



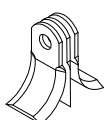
**HC2**  
Ø max 4 cm



## Rotor with bolt (exchangeable tools)



**KF4**  
Ø max 4 cm



**KF5**  
Ø max 4 cm



**KF6**  
Ø max 3 cm



**HF5**  
Ø max 6 cm



**HF4**  
Ø max 6 cm

Tools n. 20 kits per rotor

Arm mower	VFR 7	VFR 8T
<b>Extension</b> E mm	7.000	8.000
<b>Telescopic</b>	1	1
<b>Weight</b> kg	1.700	1.900
<b>Oil tank</b> L	260	260
<b>Head</b> model	30.5	30.5
<b>Pump</b> l/min	120+20	120+20
<b>Hydraulic Motor</b> HP [kW]	80	80

### Tractor

<b>Power</b> HP [kW]	150 (110)	150 (110)
<b>Weight</b> kg	6.500	7.000
<b>Width</b> m	2,5	2,5
<b>PTO</b> rpm	540	540

### Technical features and standard equipment

- Frame in structural steel ST 52
- Highly resistant steel DOMEX700 for 1<sup>st</sup>, 2<sup>nd</sup> arm and telescopic extension terminal with hexagonal section
- Telescopic extension terminal on guide slides on ERTALON anti-wear material
- 90° rotating column and shock resistant hydraulic safety device
- Three points hitch 2<sup>nd</sup> and 3<sup>th</sup> category
- Oil tank 260 l
- Double gear pump PARKER - 120+25 l/min
- Bidirectional hydraulic motor HP 80 power
- Biaxial prop. distributor with joystick SAUER DANFOSS
- Nitrogen accumulator for 1<sup>st</sup> arm suspension
- Rear flail head hitch
- Head rotating angle 230°
- Additional auxiliary line 3/8 "
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Helicoidal rotor with jointed cut blade M5C
- Rotor turning at 3000 rpm
- Fixing tie-rods
- Cardan joint
- Air-oil heat exchanger with radiating mass at high thermal exchange
- Rear underrun protection with lights
- Hydraulic flail head hood
- Flail head mm 1300 MODEL 30.5 TTC 130 with belt transmission

### Accessories on request

- Blower (to be connected to the tractor)
- Trestle bracing + tie rods adapter
- Tie rods adapter Cat. 2 (3<sup>rd</sup> point pin 25 mm)
- Tie rods adapter Cat. 3 (3<sup>rd</sup> point pin 32 mm)

### Terminal tools

In replacement of the standard mulcher

p.83



#### PRUNING SHEAR BAR

BTZ10 16  
BTZ10 19  
BTZ10 22

p.84



#### FOREST CUTTING DISC BAR

BD3  
BD4

p.85



#### DITCH CLEANER

PF60  
PF80



# VFR8T



Forward 45°



Back 30°









# DF6

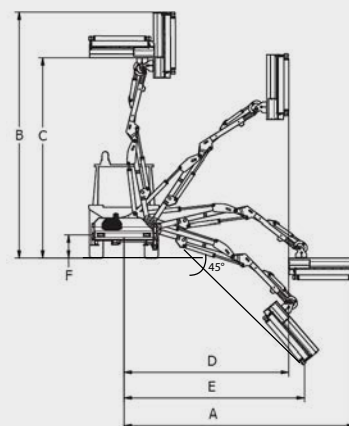
Frontal hedge mowers for backhoe loader



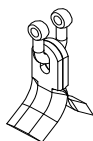
Hydraulic hedge mower with side shift and 90° rotating column with shock resistant hydraulic safety device for backhoe loaders or similar, suitable for working on local and trunk roads.

## DF6

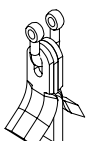
A mm	6.000
B mm	6.300
C mm	5.500
D mm	5.380
E mm	5.450
F mm	550



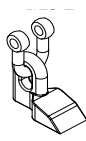
### Rotor with shackle (exchangeable tools)



**KC2**  
Ø max 2 cm  
**STANDARD EQUIPMENT**



**KC3**  
Ø max 2 cm

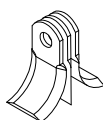


**HC1**  
Ø max 4 cm

### Rotor with bolt (exchangeable tools)



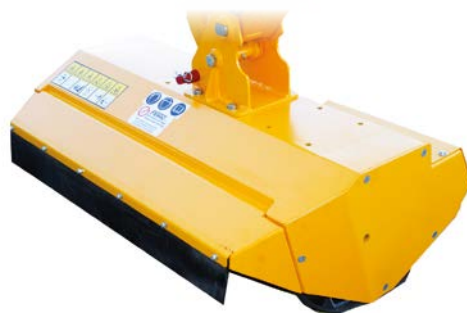
**KF2**  
Ø max 3 cm



**KF3**  
Ø max 3 cm



**HF3**  
Ø max 6 cm





Tools n. 16 kits per rotor

**Arm mower****DF6**

<b>Extension</b> E mm	6.000
<b>Weight</b> kg	1.050
<b>Head</b> model	30.3 TTD 105

**Backhoe loader**

<b>Power</b> HP [kW]	100 (74)
<b>Weight</b> kg	8000
 L/min	100
 bar/psi (min-max)	200/220

**Technical features and standard equipment**

- Frame – 1<sup>st</sup> arm – 2<sup>nd</sup> arm in structural steel ST 52
- 90° rotating column and shock resistant hydraulic safety device
- On-off electro-hydraulic distributor with joystick
- Head mm 1050 MODEL 30.3 TTD with direct transmission
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Head rotating angle 200°
- Helicoidal rotor with jointed cut blade KC2

**STANDARD EQUIPMENT**

Installation with 3 hoses  
+ electric plug:

- Inlet + Outlet 3/4" – 1"
- Drain 1/2"
- Electric plug

**Accessories on request**

- Nitrogen accumulator for 1<sup>st</sup> arm suspension
- Rear attachment 230°
- Flail head mm 1250 – n. 20 kit per rotor
- Hitch coupler for articulated backhoe-loader, backhoe loader, telescopic



## Mulchers for rear hedge mowers

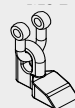


	T3 70	T3 90
	700 mm	900 mm
	120 kg/lbs	140 kg/lbs
	10	14

### ROTOR



**KC1\***  
Ø max 3 cm



**HC1**  
Ø max 4 cm



**HF2**  
Ø max 5 cm

Gear hydraulic motor  
All interchangeable tools

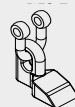


	20.2 TTD 105
	1.050 mm
	190 kg/lbs
	16

### ROTOR



**KC1\***  
Ø max 3 cm



**HC1**  
Ø max 4 cm



**HF2**  
Ø max 5 cm

Gear hydraulic motor  
All interchangeable tools



	30.3 TTD 105	30.3 TTD 125
	1.050 mm	1.250 mm
	220 kg/lbs	250 kg/lbs
	16	20

### ROTOR WITH SHACKLE (exchangeable tools)



**KC2\***  
Ø max 2 cm



**KC3**  
Ø max 2 cm



**HC1**  
Ø max 4 cm

### ROTOR WITH BOLT (exchangeable tools)



**KF2**  
Ø max 3 cm



**KF3**  
Ø max 3 cm



**HF3**  
Ø max 6 cm

Gear hydraulic motor



	30.4 TTD 105	30.4 TTD 130
	1.050 mm	1.300 mm
	250 kg/lbs	280 kg/lbs
	16	20

### ROTOR WITH SHACKLE (exchangeable tools)



**KC4\***  
Ø max 2 cm



**KC5**  
Ø max 2 cm



**HC2**  
Ø max 4 cm

### ROTOR WITH BOLT (exchangeable tools)



**KF4**  
Ø max 4 cm



**KF5**  
Ø max 4 cm



**KF6**  
Ø max 3 cm



**HF5**  
Ø max 6 cm



**HF4**  
Ø max 6 cm

Gear hydraulic motor

\*STANDARD EQUIPMENT



Hydraulic hood  
FA + 30 kg

	30.5 TTD 105	30.5 TTD 130
	1.050 mm	1.300 mm
	280 kg/lbs	320 kg/lbs
	16	20

#### ROTOR WITH SHACKLE (exchangeable tools)



**KC4\***  
Ø max 2 cm



**KC5**  
Ø max 2 cm



**HC2**  
Ø max 4 cm

#### ROTOR WITH BOLT (exchangeable tools)



**KF4**  
Ø max 4 cm



**KF5**  
Ø max 4 cm



**KF6**  
Ø max 3 cm



**HF5**  
Ø max 6 cm



**HF4**  
Ø max 6 cm

Gear hydraulic motor



Hydraulic hood  
FA + 30 kg

	30.5 TTC 105	30.5 TTC 130
	1.050 mm	1.300 mm
	305 kg/lbs	345 kg/lbs
	16	20



Flanged rotor with 360° rotating hammers  
FS+ 55 kg

#### ROTOR WITH SHACKLE (exchangeable tools)



**KC4\***  
Ø max 2 cm



**KC5**  
Ø max 2 cm



**HC2**  
Ø max 4 cm

#### ROTOR WITH BOLT (exchangeable tools)



**KF4**  
Ø max 4 cm



**KF5**  
Ø max 4 cm



**KF6**  
Ø max 3 cm



**HF5**  
Ø max 6 cm



**HF4**  
Ø max 6 cm

Parker 80hp gear hydraulic  
Pistons hydraulic motor  
Gear hydraulic motor



Hydraulic hood  
FA + 30 kg

	40 TTC16
	1.600 mm
	420 kg/lbs
	20

#### ROTOR WITH SHACKLE (exchangeable tools)



**KC4\***  
Ø max 2 cm



**KC5**  
Ø max 2 cm



**HC2**  
Ø max 4 cm

#### ROTOR WITH BOLT (exchangeable tools)



**KF4**  
Ø max 4 cm



**KF5**  
Ø max 4 cm



**KF6**  
Ø max 3 cm



**HF5**  
Ø max 6 cm



**HF4**  
Ø max 6 cm

Parker 80hp gear hydraulic  
Pistons hydraulic motor  
Gear hydraulic motor

NB: In all the mulchers the Hydraulic motor is not included.







# ROTOR TOOLS

## TI REV

HF1			
ITEM	COD.	N.	
1	TE075	1	
2	UNI 6592-03	1	
3	UNI 7473-13	1	
4	TE057	1	

KF1			
ITEM	COD.	N.	
1	TE075	1	
2	UNI 7473-13	1	
3	TE064	2	

## 20.2 - T3 - T5

HF2			
ITEM	COD.	N.	
1	TE073	1	
2	UNI 6592-03	1	
3	UNI 7473-13	1	
4	TE058	1	

HC1			
ITEM	COD.	N.	
1	TE073	1	
2	UNI 7473-13	1	
3	TE005	1	
4	141001	1	
5	TE008	1	

KC1			
ITEM	COD.	N.	
1	TE073	1	
2	UNI 7473-13	1	
3	TE005	1	
4	141001	1	
5	TE001	2	

## 30.3 - T7 - T9 REV

HF3			
ITEM	COD.	N.	
1	TE074	1	
2	UNI 7473-03	1	
3	TE040	1	

KF2			
ITEM	COD.	N.	
1	TE074	1	
2	UNI 7473-03	1	
3	141170	2	
4	TE041	2	

KF3			
ITEM	COD.	N.	
1	TE074	1	
2	UNI 7473-03	1	
3	141085	2	
4	TE041	2	
5	TE042	1	

## 30.3

HC1			
ITEM	COD.	N.	
1	TE073	1	
2	UNI 7473-13	1	
3	TE005	1	
4	141001	1	
5	TE008	1	

KC2			
ITEM	COD.	N.	
1	TE073	1	
2	UNI 7473-13	1	
3	TE005	1	
4	141001	1	
5	TE009	2	

KC3			
ITEM	COD.	N.	
1	TE073	1	
2	UNI 7473-13	1	
3	TE005	1	
4	141001	1	
5	TE009	2	
6	TE007	1	

## FR (T9 REV - T11 - T13 REV)

HF18 (FR70)			
ITEM	COD.	N.	
1	TE067	4	
2	UNI 7473-12	8	
3	TE034	14	

HF7 (FR90)			
ITEM	COD.	N.	
1	TE035	4	
2	UNI 7473-12	8	
3	TE034	18	

HF8 (FR105)			
ITEM	COD.	N.	
1	TE036	4	
2	UNI 7473-12	8	
3	TE034	22	

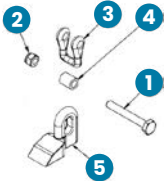
HF9 (FR130)			
ITEM	COD.	N.	
1	TE037	4	
2	UNI 7473-12	8	
3	TE034	26	

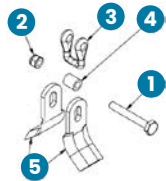
## FS (T9)

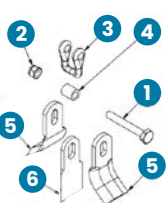
HF17			
ITEM	COD.	N.	
1	TE063	1	
2	149041	1	
3	UNI7474-02	1	

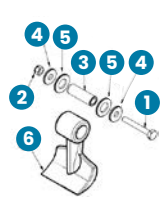
# ROTOR TOOLS

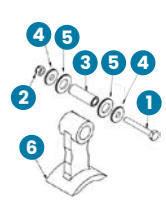
## 30.4 - 30.5 - 40

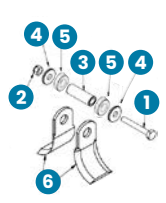
HC2			
ITEM	COD.	N.	
1	TE011	1	
2	UNI 7473-02	1	
3	TE010	1	
4	141002	1	
5	TE008	1	

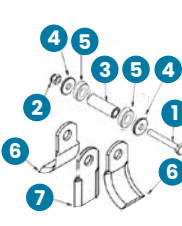
KC4			
ITEM	COD.	N.	
1	TE011	1	
2	UNI 7473-02	1	
3	TE010	1	
4	141002	1	
5	TE009	2	

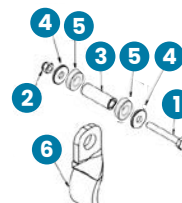
KC5			
ITEM	COD.	N.	
1	TE011	1	
2	UNI 7473-02	1	
3	TE010	1	
4	141002	1	
5	TE009	2	
6	TE007	1	

HF4			
ITEM	COD.	N.	
1	UNI 5738-02	1	
2	UNI 7473-02	1	
3	142003	1	
4	141169	2	
5	141244	2	
6	TE020	1	

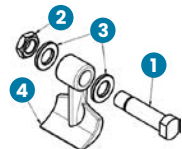
HF5			
ITEM	COD.	N.	
1	UNI 5738-02	1	
2	UNI 7473-02	1	
3	142003	1	
4	141169	2	
5	141245	2	
6	TE019	1	

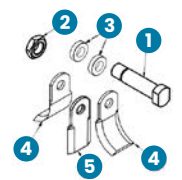
KF4			
ITEM	COD.	N.	
1	UNI 5738-02	1	
2	UNI 7473-02	1	
3	142003	1	
4	141169	2	
5	141242	2	
6	TE024	2	

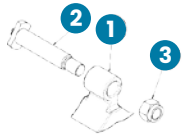
KF5			
ITEM	COD.	N.	
1	UNI 5738-02	1	
2	UNI 7473-02	1	
3	142003	1	
4	141169	2	
5	141241	2	
6	TE024	2	
7	TE029	1	

KF6			
ITEM	COD.	N.	
1	UNI 5738-02	1	
2	UNI 7473-02	1	
3	142003	1	
4	141169	2	
5	141243	2	
6	TE031	1	

## T11 - T13 REV - T15 REV

HF6			
ITEM	COD.	N.	
1	147121	1	
2	UNI 7474-03	1	
3	141244	2	
4	TE020	1	

KF7			
ITEM	COD.	N.	
1	147121	1	
2	UNI 7474-03	1	
3	141241	2	
4	TE024	2	
5	TE029	1	

HF19			
ITEM	COD.	N.	
1	TE056	1	
2	149117	1	
3	UNI7474-04	1	

# ROTOR TOOLS

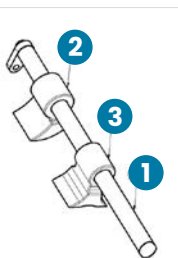
## T15 FR REV

HF10 (FR130)		
ITEM	COD.	N.
1	TE060	4
2	TE055	26

HF11 (FR130)		
ITEM	COD.	N.
1	TE060	4
3	TE056	26

HF12 (FR160)		
ITEM	COD.	N.
1	TE061	4
2	TE055	32

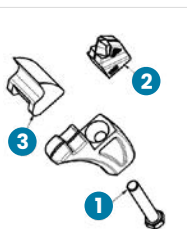
HF13 (FR160)		
ITEM	COD.	N.
1	TE061	4
3	TE056	32



## DF (T9 REV-T13 REV-T15 REV-T20-S10)

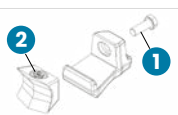
HF14		
ITEM	COD.	N.
1	TE050	1
2	TE046	1

HF15		
ITEM	COD.	N.
1	TE050	1
3	TE062	1



## DFD

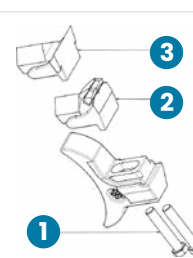
HF22		
ITEM	COD.	N.
1	UNI5738-06	1
2	TE077	1



## DFX (T21)

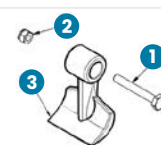
HF20		
ITEM	COD.	N.
1	UNI5738-03	2
2	TE070	1

HF21		
ITEM	COD.	N.
1	UNI5738-03	2
3	TE071	1

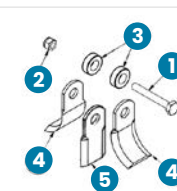


## S5

HF16		
ITEM	COD.	N.
1	UNI 5738-03	1
2	UNI 7473-03	1
3	TE059	1



KF3		
ITEM	COD.	N.
1	UNI 5738-03	1
2	UNI 7473-03	1
3	141085	2
4	TE041	2
5	TE042	1





## For hedge mowers and excavators 1.5–3.0 ton

The cutting bar is suitable on hedge mowers and excavators to cut small shrubs with a maximum diameter of 3 cm.



	BF15
<b>Weight</b> kg/lbs	48 106
<b>Width</b> cm/inch	150 60
<b>Cut</b> cm/inch	3 2
<b>Max pressure</b> bar/psi (min-max)	140 2.100
<b>Max oil flow</b> l/min – gal/min	40 11
<b>Rev</b> min	605

#### Technical features and standard equipment

- Hydraulic motor
- Steel plate for excavator or boom mower mounting hitch
- Protection blades for transport

#### Accessories

- Mounting hitch (pins version) 1.2–4.0 ton  
DOC101–201–202
- Pins kit 1.2–4.0 ton
- Quick hitch 1.2–4.0 ton
- Mounting hitch (pins version) 4.1–8.0 ton  
DOC 303–302–400–500–600–VFR
- Pins kit 4.1–8.0 ton
- Quick hitch 4.1 – 8.0 ton
- Hoses kit Lg. 2 meters
- Valves block

For hedge mowers and excavators 4.0-10.0 ton

The pruning shear can be applied to excavators and hedge mowers that have approximately a serial cutting head of a similar weight, considering for each model the maximum operating pressure and oil flow limit. It is suitable for cutting shrubs with a maximum diameter of 10 cm.



	BTZ5 15	BTZ5 18	BTZ10 16	BTZ10 19	BTZ10 22
<b>Weight</b> kg/lbs	210 463	220 485	240 529	265 584	290 639
<b>Width</b> cm/inch	150 60	180 71	160 63	190 75	220 87
<b>Cut</b> cm/inch	5 2	5 2	10 4	10 4	10 4
<b>Max pressure</b> bar/psi (min-max)	250 3.700	250 3.700	250 3.700	250 3.700	250 3.700
<b>Max oil flow</b> l/min - gal/min	60 16	60 16	60 16	60 16	60 16
<b>Rev</b> min	200	200	85	85	85

## Technical features and standard equipment

- Mechanical tilt adjustment
- Hydraulic hoses 3/4" (L= 2.00 mt.)
- Under plate for mounting
- Low regulator valve 3/4" (max 100 lt.)
- Accident prevention protections according to EC directives

## Accessories

- Mounting hitch (pins version) 1.2-4.0 ton / DOC101-201-202
- Pins kit 1.2-4.0 ton
- Quick hitch 1.2-4.0 ton
- Mounting hitch (pins version) 4.1-8.0 ton  
DOC 303-302-400-500-600-VFR
- Pins kit 4.1-8.0 ton
- Quick hitch 4.1 - 8.0 ton
- Mounting hitch (pins version) 8.1-12.0 ton
- Pins kit 8.1-12.0 ton
- Quick hitch 8.1 - 12.0 ton

## For hedge mowers and excavators 3.0-10.0 ton

The forest cutting disc bar is used for strong and fast pruning.  
The maximum diameter of shear is about 100-150 mm.



	BD2	BD3	BD4
<b>Weight</b> kg/lbs	73 161	107 236	144 317
<b>Disc diameter</b> cm/inch	60 23,6	60 23,6	60 23,6
<b>Discs</b>	2	3	4
<b>Engines</b>	1	1	1
<b>Width</b> cm/inch	122 48	156 62	204 80
<b>Cut</b> cm/inch	10-15 4-6	10-15 4-6	10-15 4-6
<b>RPM max</b>	3000	3000	3000
<b>Max pressure</b> bar/psi (min-max)	150 2.200	150 2.200	150 2.200
<b>Min-max oil flow</b> l/min - gal/min	40-150 11-40	40-150 11-40	40-150 11-40

#### Technical features and standard equipment

- Hydraulic motor
- Steel plate for excavator or boom mower mounting hitch
- Protection blades for transport

#### Accessories

- Mounting hitch (pins version) 1.2-4.0 ton  
DOC101-201-202
- Pins kit 1.2-4.0 ton
- Quick hitch 1.2-4.0 ton
- Mounting hitch (pins version) 4.1-8.0 ton  
DOC303-302-400-500-600-VFR
- Pins kit 4.1-8.0 ton
- Quick hitch 4.1 - 8.0 ton
- Mounting hitch (pins version) 8.1-12.0 ton
- Pins kit 8.1-12.0 ton
- Quick hitch 8.1 - 12.0 ton
- Hoses kit Lg. 2 meters
- Valves block



## For hedge mowers

The ditch-cleaner is a cutter for maintenance and cleaning of existing ditches.



	PF40	PF60	PF80
<b>Weight</b> kg/lbs	120 265	140 309	290 639
<b>Disc diameter</b> cm/inch	40 16	60 24	80 32
<b>Max pressure</b> bar/psi (min-max)	200 2.900	200 2.900	220 3.200
<b>Required oil flow</b> L/min - gal/min	70-100 19-27	70-100 19-27	100-125 27-33

#### Technical features and standard equipment

- Mechanical tilt adjustment
- Under plate for mounting
- Accident prevention protections according to EC directives

#### Accessories

- Mounting hitch (pins version) 1.2-4.0 ton  
DOC101-201-202
- Pins kit 1.2-4.0 ton
- Quick hitch 1.2-4.0 ton
- Mounting hitch (pins version) 4.1-8.0 ton  
DOC303-302-400-500-600-VFR
- Pins kit 4.1-8.0 ton
- Quick hitch 4.1 - 8.0 ton
- Mounting hitch (pins version) 8.1-12.0 ton
- Pins kit 8.1-12.0 ton
- Quick hitch 8.1 - 12.0 ton
- Hoses kit Lg. 2 meters



FEMAC 

BACK**HOES**



# EQUIPMENT FOR BACKHOES



## Hydraulic translation lock

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Mechanism that blocks the lateral movement of the backhoe operated by hydraulic cylinders with remote lever control.

## Stiffening tractor frame

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Adjustable anchor system to be mounted to the third point of the tractor, allows the tractor lift arms to be anchored via tie rods and prevents any unintentional movement of the backhoe.





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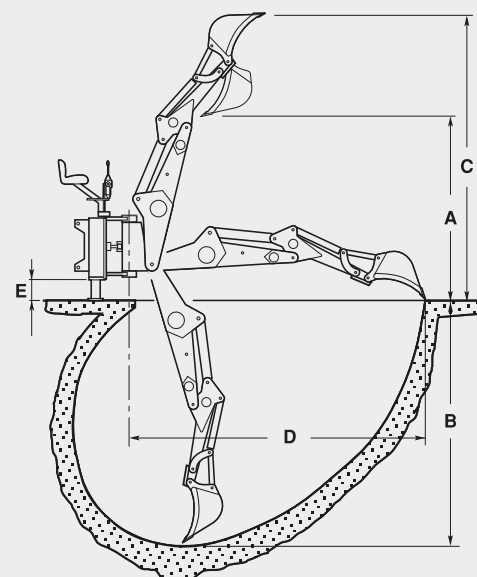
# SERIE 3

For tractors 20-30 hp  
Hobby and gardening



## SERIE 3

A (mm)	1.250
B (mm)	1.700
C (mm)	2.300
D (mm)	2.200
E (mm)	250





**SERIE 3**

<b>Digging depth</b> mm	1.700
<b>Rotation angle</b>	180°
<b>Moving frame width</b> mm	1.100
<b>Weight</b> kg	285
<b>Oil tank</b> L	15
<b>Standard bucket</b> mm	250 (14 l)
<b>Tooth tearing resistance</b> kg	1.500
<b>Digging force with auxiliary boom</b> kg	700

**Technical features and standard equipment**

- Sideshifting backhoe with mechanical locking, applicable to the three-point hitch of the hydraulic boom
- 180° central rotation by 1 cylinder (patented)
- Independent hydraulic stabilisers with block valves
- Independent system with 4 cm³/rev., pump, multiplier, 15-lt built-in tank, oil strainer and hydraulic oil
- Monoblock distributor with 40 lt/min flow rate and finger-tip control levers
- Flow rate 6 l/min
- Max working pressure: 190 bar
- Standard bucket: 250 mm
- Joints with pins and bushes of case-hardened and tempered steel
- Chrome-plated double-liner cylinder rods
- Sanding and polyester powder coating
- Stiffening tractor frame category 1

**Accessories on request**

- Hydraulic locking TI



Stiffening tractor frame  
Category 1 - Included

**Terminal tools**


**BUCKET**

250 mm  
300 mm  
400 mm



**DITCH CLEANING BUCKET**

800 mm



**TRAPEZOIDAL BUCKET**

550 mm

# SERIE 4

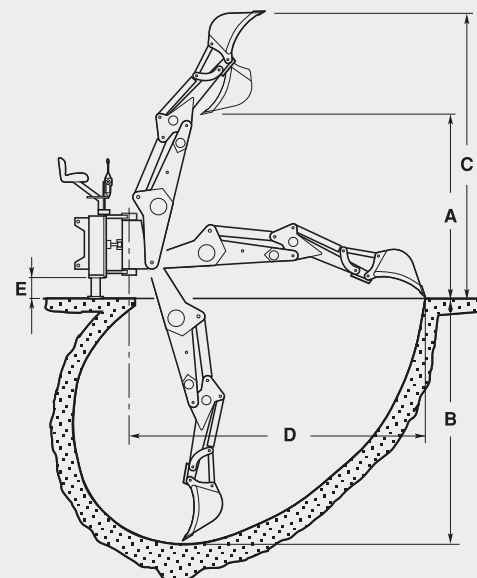
For tractors 35-55 hp

Gardening - Wine growing - Horticulture and green maintenance



## SERIE 4

A (mm)	1.650
B (mm)	2.200
C (mm)	2.625
D (mm)	2.580
E (mm)	260



SERIE 4	1200	1400
Digging depth mm	2.200	2.200
Rotation angle	180°	180°
Moving frame width mm	1.200	1.400
Weight kg	375	410
Oil tank L	22	22
Standard bucket mm	300 (25 l)	300 (25 l)
Tooth tearing resistance kg	2.200	2.200
Digging force with auxiliary boom kg	1.000	1.000

### Technical features and standard equipment

- Sideshifting backhoe with mechanical locking, applicable to the three-point hitch of the hydraulic boom
- 180° central rotation by 1 cylinder (patented)
- Independent hydraulic stabilisers with block valves
- Independent system with 8 cm³/rev., pump, multiplier, 22-lt built-in tank, oil strainer and hydraulic oil
- Monoblock distributor with 40 lt/min flow rate and finger-tip control levers
- Flow rate 15 l/min
- Max working pressure: 190 bar
- Standard bucket: 300 mm
- Boom locking tensioners
- Joints with pins and bushes of case-hardened and tempered steel
- Chrome-plated double-liner cylinder rods
- Sanding and polyester powder coating
- Stiffening tractor frame category 1

### Accessories on request

- Installation 1: ditch cleaning titling buckets 45°
- Installation 2: hydraulic mulcher (installation 1 included)
- Hydraulic mulcher 800 mm T1 80 REV
- Remote control on the cab
- Skid steer loader application
- Hitch coupler for articulated backhoe-loaders, backhoe loaders, telescopic loaders



Stiffening tractor frame  
Category 1 - Included

### Terminal tools



#### BUCKET

250 mm  
300 mm  
400 mm  
500 mm  
600 mm



#### DITCH CLEANING BUCKET

800 mm  
1000 mm  
1200 mm



#### 45° TITLING BUCKET

800 mm  
1000 mm  
1200 mm



#### TRAPEZOIDAL BUCKET

670 mm



# SERIE 5

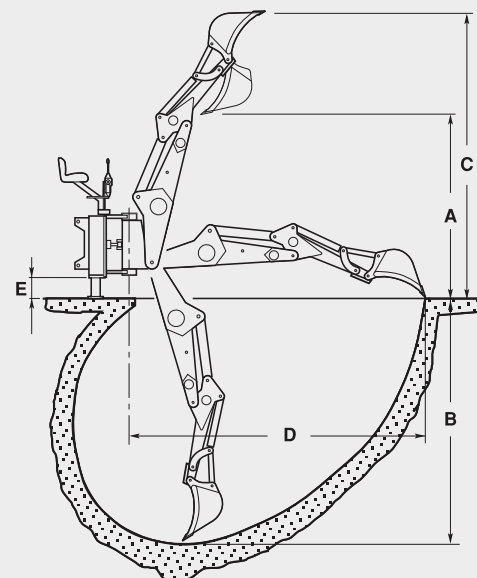
For tractors 55-90 hp

Semiprofessional



## SERIE 5

A (mm)	1.880
B (mm)	2.600
C (mm)	2.850
D (mm)	2.800
E (mm)	310



**SERIE 5**

<b>Digging depth</b> mm	2.600
<b>Rotation angle</b>	180°
<b>Moving frame width</b> mm	1.500
<b>Weight</b> kg	580
<b>Oil tank</b> L	35
<b>Standard bucket</b> mm	300 (25 l)
<b>Tooth tearing resistance</b> kg	2.400
<b>Digging force with auxiliary boom</b> kg	1.100

**Technical features and standard equipment**

- Sideshifting backhoe with hydraulic locking, applicable to the three-point hitch of the hydraulic boom
- 180° central rotation by 1 cylinder (patented)
- Independent hydraulic stabilisers with block valves
- Independent system with 12 cm³/rev., pump, multiplier, 35-lt built-in tank, oil strainer and hydraulic oil
- Monoblock distributor with 40 lt/min flow rate and finger-tip control levers
- Flow rate 20 l/min
- Max working pressure: 190 bar
- Standard bucket: 300 mm
- Boom locking tensioners
- Joints with pins and bushes of case-hardened and tempered steel
- Chrome-plated double-liner cylinder rods
- Sanding and polyester powder coating
- Stiffening tractor frame category 1 and 2

**Accessories on request**

- Installation 1: auger, grab, multipurpose fork
- Installation 2: hydraulic hammer, ditch cleaning titling buckets 45°, hydraulic rotator + multipurpose fork or Grab (installation 1 included)
- Installation 3: hydraulic mulcher (installation 2 included)
- Hydraulic mulcher 800 mm T1 80 REV
- Remote control on the cab
- Skid steer loader application
- Hitch coupler for articulated backhoe-loaders, backhoe loaders, telescopes



Stiffening tractor frame  
Category 1 and 2 - Included

**Terminal tools**

**BUCKET**

250 mm  
300 mm  
400 mm  
500 mm  
600 mm


**DITCH CLEANING BUCKET**

800 mm  
1000 mm  
1200 mm


**45° TITLING BUCKET**

800 mm  
1000 mm  
1200 mm


**TRAPEZOIDAL BUCKET**

670 mm


**GRAB**

125 dm³


**MULTIPURPOSE FORK**

650 mm


**HYDRAULIC ROTATOR**

BR10


**HYDRAULIC HAMMER**

62 kg


**AUGER**

TR1


**DRILL BITS (Ø x lg.1000 mm)**

150  
200  
250  
300  
400



# SERIE 6

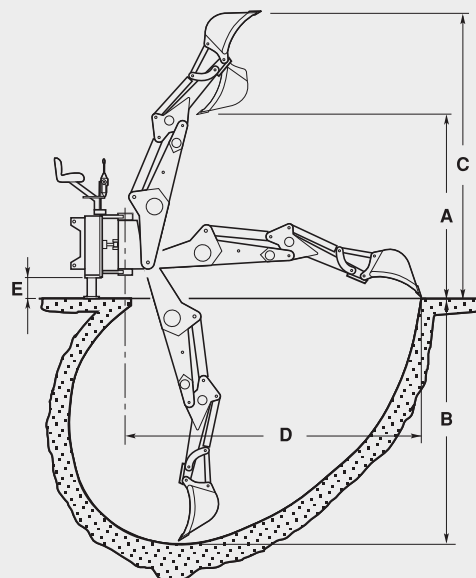
For tractors 75–110 hp

Professional



## SERIE 6

A (mm)	2.280
B (mm)	2.900
C (mm)	3.300
D (mm)	3.300
E (mm)	310





**SERIE 6**

<b>Digging depth</b> mm	2.900
<b>Rotation angle</b>	180°
<b>Moving frame width</b> mm	1.700
<b>Weight</b> kg	730
<b>Oil tank</b> L	45
<b>Standard bucket</b> mm	300 (30 l)
<b>Tooth tearing resistance</b> kg	2.600
<b>Digging force with auxiliary boom</b> kg	2.100

**Technical features and standard equipment**

- Sideshifting backhoe with hydraulic locking, applicable to the three-point hitch of the hydraulic boom
- 180° central rotation by 1 cylinder (patented)
- Independent hydraulic stabilisers with block valves
- Independent system with 16 cm³/rev., pump, multiplier, 45-lt built-in tank, oil strainer and hydraulic oil
- Element distributor with 60 lt/min flow rate and finger-tip control levers and built-in shock-absorbing anti-cavitation valves
- Flow rate 25 l/min
- Max working pressure: 190 bar
- Standard bucket: 300 mm
- Boom locking tensioners
- Joints with pins and bushes of case-hardened and tempered steel
- Chrome-plated double-liner cylinder rods
- Sanding and polyester powder coating
- Stiffening tractor frame category 1 and 2

**Accessories on request**

- Installation 1: auger, grab, multipurpose fork
- Installation 2: hydraulic hammer, ditch cleaning titling buckets 45°, hydraulic rotator + multipurpose fork or Grab (installation 1 included)
- Installation 3: hydraulic mulcher (installation 2 included)
- Hydraulic mulcher 800 mm T1 80 REV
- Remote control on the cab
- Skid steer loader application
- Hitch coupler for articulated backhoe-loaders, backhoe loaders, telescopic loaders



Stiffening tractor frame  
Category 1 and 2 - Included

**Terminal tools**

In replacement of the standard bucket


**BUCKET**

250 mm  
300 mm  
400 mm  
500 mm  
600 mm  
700 mm


**DITCH CLEANING BUCKET**

800 mm  
1000 mm  
1200 mm


**45° TITLING BUCKET**

1000 mm  
1200 mm


**TRAPEZOIDAL BUCKET**

740 mm


**GRAB**

175 dm³


**MULTIPURPOSE FORK**

800 mm


**HYDRAULIC ROTATOR**

BR35


**HYDRAULIC HAMMER**

96 kg


**AUGER**

TR2


**DRILL BITS (Ø x lg.1000 mm)**

150  
200  
250  
300  
400

# SERIE 7

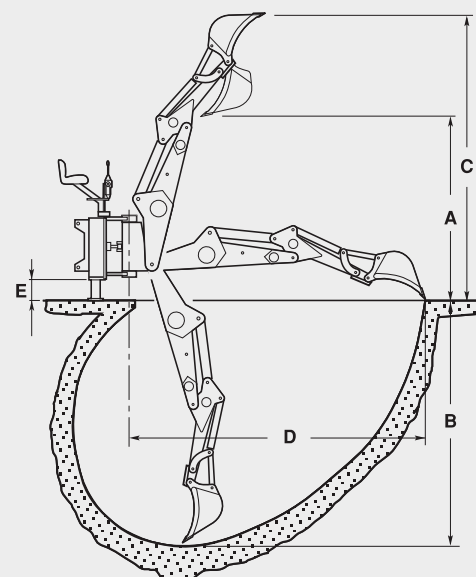
For tractors 100–200 hp

Semi-industrial



## SERIE 7

A (mm)	2.490
B (mm)	3.300
C (mm)	3.675
D (mm)	3.700
E (mm)	310



**SERIE 7**

<b>Digging depth</b> mm	3.300
<b>Rotation angle</b>	180°
<b>Moving frame width</b> mm	2.000
<b>Weight</b> kg	1.080
<b>Oil tank</b> L	60
<b>Standard bucket</b> mm	300 (30 l)
<b>Tooth tearing resistance</b> kg	2.600
<b>Digging force with auxiliary boom</b> kg	2.100

**Technical features and standard equipment**

- Sideshifting backhoe with hydraulic locking, applicable to the three-point hitch of the hydraulic boom
- 180° central rotation by 1 cylinder (patented)
- Independent hydraulic stabilisers with block valves
- Independent system with 27 cm³/rev., pump, multiplier, 60-lt built-in tank, oil strainer and hydraulic oil
- Element distributor with 60 lt/1' flow rate, control levers and built-in shock-absorbing anti-cavitation valves
- Flow rate 45 l/min
- Max working pressure: 190 bar
- Standard bucket: 300 mm
- Boom locking tensioners
- Joints with pins and bushes of case-hardened and tempered steel
- Chrome-plated double-liner cylinder rods
- Sanding and polyester powder coating
- Stiffening tractor frame category 1 and 2

**Accessories on request**

- Installation 1: auger, grab, multipurpose fork
- Installation 2: hydraulic hammer, ditch cleaning titling buckets 45°, hydraulic rotator + multipurpose fork or Grab (installation 1 included)
- Installation 3: hydraulic mulcher (installation 2 included)
- Hydraulic mulcher 800 mm T1 80 REV
- Remote control on the cab
- Skid steer loader application
- Hitch coupler for articulated backhoe-loaders, backhoe loaders, telescopic loaders



Stiffening tractor frame  
Category 1 and 2 - Included

**Terminal tools**

**BUCKET**

250 mm  
300 mm  
400 mm  
500 mm  
600 mm  
700 mm


**DITCH CLEANING BUCKET**

800 mm  
1000 mm  
1200 mm


**45° TITLING BUCKET**

1000 mm  
1200 mm


**TRAPEZOIDAL BUCKET**

740 mm


**GRAB**

175 dm³


**MULTIPURPOSE FORK**

800 mm


**HYDRAULIC ROTATOR**

BR35


**HYDRAULIC HAMMER**

96 kg


**AUGER**

TR2


**DRILL BITS (Ø x lg.1000 mm)**

150  
200  
250  
300  
400



# SERIE 7S

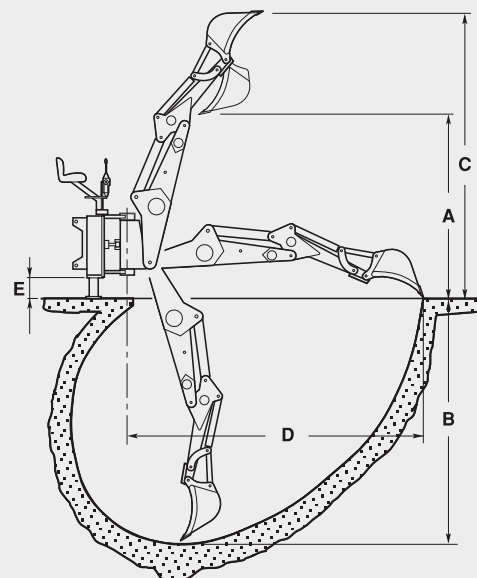
For tractors 120–200 hp

Industrial



## SERIE 7S

A (mm)	3.780
B (mm)	4.100
C (mm)	4.820
D (mm)	5.210
E (mm)	310



## SERIE 7S

<b>Digging depth</b> mm	4.100
<b>Rotation angle</b>	180°
<b>Moving frame width</b> mm	2.000
<b>Weight</b> kg	1.190
<b>Oil tank</b> L	60
<b>Standard bucket</b> mm	300 (30 l)
<b>Tooth tearing resistance</b> kg	2.600
<b>Digging force with auxiliary boom</b> kg	2.100

### Technical features and standard equipment

- Sideshifting backhoe with hydraulic locking, applicable to the three-point hitch of the hydraulic boom
- 180° central rotation by 1 cylinder (patented)
- Independent hydraulic stabilisers with block valves
- Independent system with 44 cm<sup>3</sup>/rev., pump, multiplier, 60-lt built-in tank, oil strainer and hydraulic oil
- Element distributor with 60 lt/1' flow rate, control levers and built-in shock-absorbing anti-cavitation valves
- Flow rate 70 l/min
- Max working pressure: 190 bar
- Standard bucket: 300 mm
- Boom locking tensioners
- Joints with pins and bushes of case-hardened and tempered steel
- Chrome-plated double-liner cylinder rods
- Sanding and polyester powder coating
- Stiffening tractor frame category 1 and 2
- Telescopic boom

### Accessories on request

- Installation 1: hydraulic mulcher
- Hydraulic mulcher 800 mm T1 80 REV

### Special equipment

- Special equipment: upgraded pump 70 l/min, electric switch, distributor with 8 elements, two ½" additional lines at the jib end



Stiffening tractor frame  
Category 1 and 2 - Included

### Terminal tools



#### BUCKET

250 mm  
300 mm  
400 mm  
500 mm  
600 mm  
700 mm



#### DITCH CLEANING BUCKET

800 mm  
1000 mm  
1200 mm



#### 45° TITLING BUCKET

1000 mm  
1200 mm



#### TRAPEZOIDAL BUCKET

740 mm



#### GRAB

175 dm<sup>3</sup>



#### MULTIPURPOSE FORK

800 mm



#### HYDRAULIC ROTATOR

BR35



#### HYDRAULIC HAMMER

96 kg



#### AUGER

TR2



#### DRILL BITS (Ø x lg.1000 mm)

150  
200  
250  
300  
400

# GENERAL CONDITIONS OF SALE

## FORWARD

These General Conditions of Sale (hereinafter, the "General Conditions"), together with the special conditions listed in the Order Confirmation, govern sales of products between FEMAC SRL (hereinafter, the "Seller") and any purchaser (hereinafter, the "Customer") and prevail over any other different clause inserted on forms or other documents used by the Seller and/or Customer (hereinafter, jointly called the "Parties").

- The object of the sales governed by these General Conditions are all the agricultural machinery in the Seller's price list (hereinafter, the "Products") in effect at the time the Customer's purchase order was sent, with the specifications shown in it.
- These General Conditions can only be waived by the provisions of the Order Confirmation.

## PRICES

The prices shown are in Euro (€) and do not include VAT, which remains the Customer's responsibility.

- This price list cancels and replaces all previous ones. The prices shown are subject to change without notice and they will, in any case, be those in effect at the time of delivery.

## DELIVERY

Except where specified otherwise, the goods are delivered EX-WORKS (Incoterms 2000) at our plant in Trestina (Perugia, Italy).

- The goods travel as the Customer's risk, even if shipping is paid to the destination.

## PAYMENTS

Payments are to be made in the manner agreed. Payment is always due on the date the Seller issues the invoice and in the specified currency. Failure to pay will authorize the suspension of supplies.

- Even a partial delay in payment will trigger the late payment interest established by DL 231/2002 (conforming to European Directive 35/2000/EC) and the right to demand payment in full.

## RESERVATION OF OWNERSHIP

The Products remain the Seller's property until the Customer has paid the price in full and, in any case, until it is received. This notwithstanding, the Parties agree that the risks of the loss or damage of the Products, for any reason, will pass to the Customer from the moment of delivery EX-WORKS (Incoterms 2000).

- The Customer must notify the Seller of every lien or injunction filed by third parties on the Products with reserved ownership, within 24 hours.

The Customer remains responsible to the Seller for all costs or damage suffered by the latter due to such acts.

## WARRANTY

The Seller warrants that its Products are free of defects in material or workmanship under conditions of normal use. The warranty period is 12 (twelve) months from the date of delivery and, in any case, cannot be suspended or extended for any reason. The Seller does not give the Customer any other implicit or explicit guarantee.

- In any case, the warranty does not cover defects due to normal wear and tear such as, but not limited to: cutting tools, bushings, bearings, belts, gaskets, oil, PTO transmissions, flexible wiring, hydraulic hoses and accident-prevention protections.
- Products defects, flaws or differences must be reported within 8 days from their discovery, on pain of voiding the warranty. After that term, the Customer is understood to have accepted the supply without reservation.
- During the warranty period, the Seller undertakes to supply pieces expressly acknowledged to be defective, with the Customer remaining responsible for all charges for shipping, packing and labor.
- The warranty and any credit will only be recognized after the defective piece has been received at the factory. The Customer is responsible for the cost of shipping the piece to the Seller.
- The Seller will not be liable for any damage caused by late delivery, breakage of the Products, or parts of them, as well as the use of the Products themselves, except when unavoidably required by the law.
- Customer complaints, as well as any legal action taken, do not, in any case, give the Customer the right to suspend or delay payments due under the sales contract.

## DISAGREEMENTS

The court of Perugia, Italy is exclusively competent for any disagreements that may arise between the Parties.





**REAL  
ACTIVE  
EQUIP  
MENT**

**FEMAC S.R.L.**

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