



MACWORKS
DRILLING AND MACHINE ATTACHMENTS

The right equipment to make your project more profitable - give us a call to talk through all your post and pile driving requirements.

Drop Hammer Sales Catalogue

0800 MACWORKS
0800 622 96757

sales@macworks.nz

www.macworks.nz

Drop Hammers

Macworks has drop hammer units to suit machines from 1-ton to 50-tons. Our units have monkeys of 100kg all the way up to 3-ton. We also design and build to pretty much any specifications. This is what we specialise in.

What we need to know

- Digger size and pin specs
- Height and weight requirements

		WEIGHT OF HAMMER kgs											
DROP HEIGHT m		100	200	250	300	350	500	750	1000	1500	2000	2500	3000
	.5m	490	980	1225	1470	1715	2450	3675	4900	7350	9800	12250	14700
	1m	980	1470	2450	2940	3430	4900	7350	9800	14700	19600	24500	29400
	1.5m	1470	2940	3675	4410	5145	7350	11025	14700	22050	29400	36750	44100
	2m	1960	3757	4900	5880	6860	9800	14700	19600	29400	39200	49000	58800
	2.5m	2450	4737	6125	7350	8575	12250	18375	24500	36750	49000	61250	73500
	3m	2940	5717	7350	8820	10290	14700	22050	29400	44100	58800	73500	88200
	3.5m	3430	6697	8575	10290	12005	17150	25725	34300	51450	68600	85750	102900
	4m	3920	7677	9800	11760	13720	19600	29400	39200	58800	78400	98000	117600
	4.5m	4410	8657	11025	13230	15435	22050	33075	44100	66150	88200	110250	132300
	5m	4900	9637	12250	14700	17150	24500	36750	49000	73500	98000	122500	147000
	5.5m	5390	10617	13475	16170	18865	26950	40425	53900	80850	107800	134750	161700
	6m	5880	11597	14700	17640	20580	29400	44100	58800	88200	117600	147000	176400
	6.5m	6370	12577	15925	19110	22295	31850	47775	63700	95550	127400	159250	191100
	7m	6860	13557	17150	20580	24010	34300	51450	68600	102900	137200	171500	205800
	7.5m	7350	14537	18375	22050	25725	36750	55125	73500	110250	147000	183750	220500
	8m	7840	15517	19600	23520	27440	39200	58800	78400	117600	156800	196000	235200

these weights are theoretical and approximate. We take no responsibility for required force.



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Large Diggers

5t plus. 500kg to 3000kg monkeys

We make four main models:

- 5 - 8t
- 10 - 16t
- 18 - 26t
- 30+t
- Short series hammers for low head room - AA8
- Concrete driving - 35l
- Tall units with less weight for low weight high-drop capabilities - 753



Our New Zealand made pile drivers are designed for an excavator, offering exceptional performance and versatility. They offer a comprehensive set of features designed to simplify pile-driving tasks, enhance productivity and ensure operator safety in a wide range of applications. It's a cutting-edge solution for contractors seeking maximum efficiency and performance in their operations. They offer powerful smooth operation and trouble-free performance.

Here's a breakdown of features:

- **500 - 3000 kg Hammer:** This machine delivers the force needed to pile securely into ground, even in challenging soil conditions.
- **Hydraulic Sliding Hammer:** Our design enables the hammer to reach greater heights and drop lower to the ground, enhancing flexibility and efficiency in pile-driving tasks. External safety control switch enables the operator to control drop and lock out for safety from the cab or next to the unit.
- **Independent Post Cap System:** Enhances post-driving efficiency and accuracy, ensuring secure post placement during operation.
- **Optional cap adaptors or dollies** for steel, timber piles, concrete piles, casing, sheet pile or square posts enhance the machine's versatility, allowing for a wider range of post-driving applications.

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Large Diggers



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Mini Diggers

Small units, Manufactured in Ireland
From 100kg to 500kg monkeys

The Vector model post driver is a versatile and user-friendly solution designed for mounting on mini excavators or tractors, offering exceptional performance in various applications.

Here's a breakdown of features:

- **Solid Steel Hammer:** Equipped with a solid steel hammer, this post driver delivers the force needed to drive posts securely into the ground, even in tough soil conditions.
- **Mounting Flexibility:** The vector post driver can be easily mounted on any make of mini excavator weighing from 1.5 tonnes and up, as well as on a front loader, providing versatility in equipment selection.
- **Ease of Use in Awkward Situations:** Designed for easy operation, even in awkward situations, the vector post driver simplifies post-driving tasks and enhances productivity on the job site.
- **Robust Construction:** Built to withstand demanding conditions, the vector post driver is a robust machine that offers years of reliable service, ensuring durability and longevity.
- **Safety Cage:** prioritises operator safety during operation, providing added protection and peace of mind.
- **Heavy-Duty Post Cap:** ensures secure post placement and enhances the efficiency of post-driving tasks.
- **Optional Cap Adaptors for Square Posts:** Allowing for a wider range of post-driving applications.



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Mini Diggers

- **Weight Transfer Mechanism:** Transfers the weight of the excavator onto the post while driving, making the hammer more effective and improving overall efficiency.
- **Single-Person Operation:** Easily operated by one person, the Model 6 post driver streamlines post-driving tasks and maximizes productivity on the job site.
- **Short Mast for Easy Transport:** This makes it very easy to transport both the digger and post driver on a trailer, simplifying logistics and saving time.
- **Reach Over Ditches or Into Difficult Corners:** With the excavator arm, thus expanding the machine's versatility and reach.
- **Optional Extra Rockspike:** This is a separate attachment that enables you to punch a 90 mm hole in rocky or hardened ground conditions before you drive the post, thus improving overall versatility and effectiveness.
- **Safety cage and Safety chain:** These safety features are essential for protecting the operator and preventing accidents during operation, ensuring compliance with safety regulations.
- **CE Certified:** The Model 6 post driver meets European safety and quality standards, providing assurance of its reliability and performance.



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