



- Power
- Performance
- Price



- Superior Performance
- Higher Power to Weight Ratio
- Low Noise Shell
- Impact Reducing Vibration Protection
- Back-up Service and Parts

THOR
ROCK BREAKERS | POST DRIVERS



www.thorrockbreakers.com.au

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7 Motto Lane HEATHERBRAE NSW 2324 ABN: 31 641 363 591

EXPERIENCE MATTERS



Thor Rock Breakers and Post Driver Pty Ltd together with One Stop Machinery Shop Pty Ltd are a large family owned machinery repair business that supports all of our products and customers.

We're a reputable, well-established 30+ year business that has been providing heavy industry with a comprehensive mobile maintenance and repair field service for earthmoving and construction equipment, as well as large-scale government, industrial, mining and quarry plant and machinery.

Thor Rock Breaker and Post Drivers Pty Ltd owner Simon Taylor, is a qualified fitter, machinist and plant mechanic with over 40 years' extensive experience in heavy industry. Simon (and his team of tradesmen) has hired, bought, serviced and repaired thousands of attachments (and their respective machines) throughout his career.

Simon is familiar with all machinery makes and models, understands the various applications and the impact of how different operators put them through their paces in the field.

We are a widely reputable, customer sanctioned business that provides extensive warranties, stock parts and accessories for all attachments and also offer comprehensive maintenance, back up and hire services. We are also an agent for Auger Torque earth drills and trenchers; Attach 2 high performance tilt couplers and grabs; Flexitool professional concrete and construction equipment; Stucchi couplings, valves, fittings, hoses and multi-couplings and Hiflex hydraulic hose assemblies and parts.

"I'm often asked why Thor Rock Breakers and Post Drivers are so much more affordable than products offered by competitors.

The answer is simple - we don't inflate our prices or overcharge our customers.

I've been around for a long time and understand the true value of a fair go.

I'm very proud to be able to offer Australians a range of robust, premium quality, attachments at a fair price - making superior performance rock breakers and post drivers a viable investment for all."



Simon Taylor
Managing Director



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MODELS FOR EVERY MACHINE



Driven by hydraulic power, Thor Rock Breakers are premium, robust, heavy construction machinery attachments that excel in a wide range of applications including:

- rock excavation and secondary breaking in quarries and mines.
- demolition and deconstruction.
- concrete and asphalt cutting.
- in bridge, tunnel and foundation construction projects
- infrastructure, road and civil construction.
- trenching, landscaping and more.

THOR has a comprehensive range of different model rock breakers, pickups and mounts to suit machines from 800 kgs – 55 tonnes including:

*** Mini Loaders * Skid Steers * Mini, midi and large platform excavators
* Tractors * Loaders * Telehandlers.**

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POWER PERFORMANCE PRICE

Superior Performance

Thor's TH Series of hydraulic rock breaking hammers engineered design produces a stable, high precision durability and delivers a high power to weight ratio than competitors therefore achieving superior performance.

That is, they have less body weight, yet wield a higher impacting performance.



Advanced Design

Long-term investment in sophisticated technology has been leveraged to produce a simple design. With only two internal moving parts, this line of breakers makes the operation of hydraulic equipment easy, flexible and reliable.

Thor's unique sliding bush design prolongs the service life of the hammer/breaker and reduces after sales maintenance costs.

Thor S Models (Silenced) hydraulic breakers have been engineered with an advanced lower noise shell and patented vibration protection system that reduces the impact on the machine. This ensures that it is more comfortable for the operator to work with and is also much better for working in populated areas.

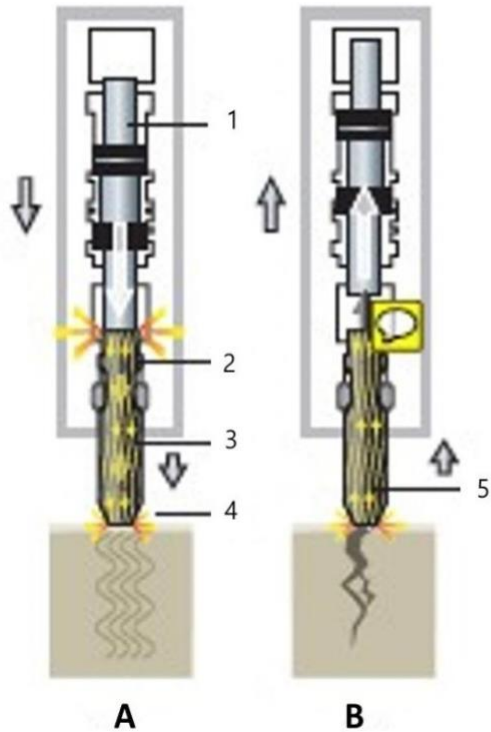
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PRECISE BLOWFORCE



A - Contact-Initial Compression Stress Wave

When the piston (1) strikes the top of the tool (2), it sends a compressive stress wave (3) down to the working end of the tool.

If the chisel tool is touching rock, (or concrete, asphalt etc.) this energy/force (compressive stress wave) travels out of the tool directly into the rock (4), fracturing it.

B - Recoil-Reflected Stress Wave

Immediately following the initial compressive stress wave, a reflected stress wave is formed (5), which travels back up the tool, 'bouncing' the piston up off the top of the tool. This cycle of compressive and tensile stresses flowing up and down the tool is repeated with each piston blow (A&B).



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5 REASONS TO CHOOSE THOR

1. We Believe in a Fair Go

Owner Simon Taylor established THOR Rock Breakers and Post Drivers Pty Ltd to fill a gap in the Australian market, by offering a range of robust, premium quality, high performance attachments at a fair price - making superior performance post drivers and rock breakers a viable investment for all.

We don't inflate our prices or overcharge our customers and that's just one of the reasons that THOR customers continue to drive our sales across Australia with their recommendations and referrals.

2. We are Not a Flash-in-the-Pan Business

We're a reputable, well-established Aussie family owned and operated business that has been providing heavy industry with a comprehensive mobile maintenance and repair field service for earthmoving, construction and agricultural equipment, as well as large-scale government, industrial and mining plant and machinery for over 30+ years.

3. We Are Not Just a Warehouse Selling Attachments

Owner Simon Taylor, a qualified fitter machinist and plant mechanic personally has over 40 years' extensive experience. Simon (and his team of tradesmen) has hired, bought, serviced and repaired thousands of attachments (and their respective machines) throughout his career. He's familiar with all makes and models, understands the various applications and the impact of how different operators put them through their paces in the field.

4. We Support Our Customers

We are a widely reputable, customer sanctioned business that provides extensive warranties, stock parts and accessories for all attachments and also offer comprehensive back up services. We are also an agent for Auguer Torque earth drills and trenchers; Attach 2 high performance tilt couplers and grabs; Flexitool professional concrete and construction equipment; Stucchi couplings, valves, fittings, hoses and multi-couplings and Hiflex hydraulic hose assemblies and parts.



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5 REASONS TO CHOOSE THOR

5. Professional Integrity

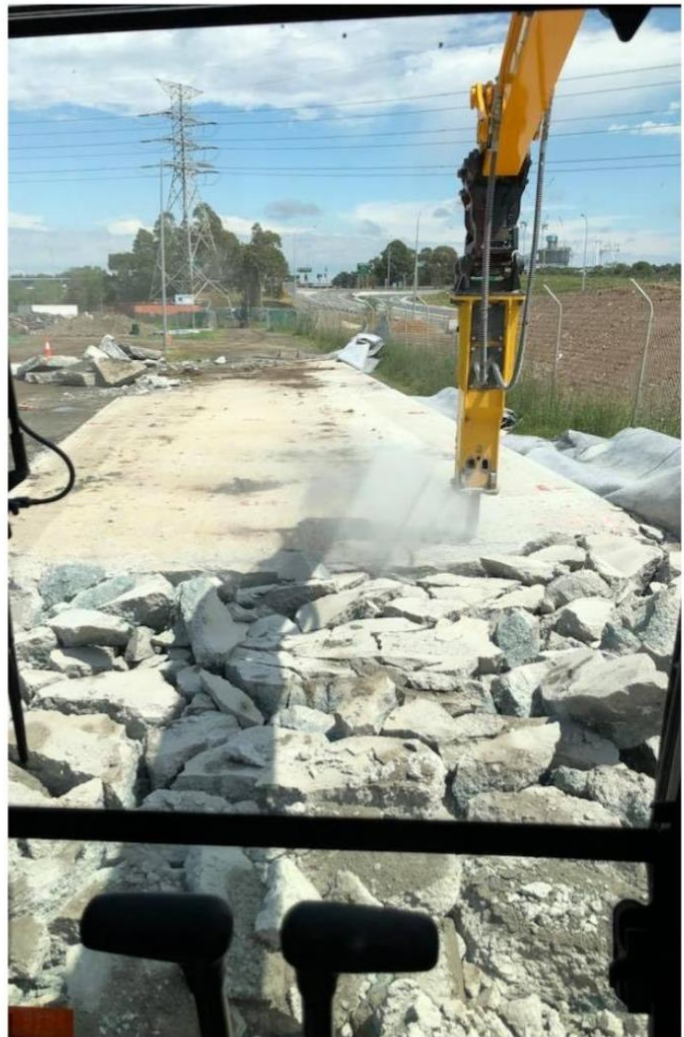
At THOR, it's our experience that consumers appreciate the respect of being offered premium quality products at fair and reasonable prices delivered with personalised, professional customer service including the provision of relevant, transparent information.

We don't have sales gimmicks, and we don't bad mouth our competition.

The confidence we have in our product is underpinned by the support we receive from Australian machinery owners, contractors and farmers who have been investing in and recommending THOR Rock Breakers & Post Drivers for over 25 years in every state and territory of this wide land.

The Best Part?

No matter where you are in Australia, we are only a call or click away for technical advice and support.



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SPECIFICATIONS

LARGE RANGE

SPECIFICATION	Unit	TH20G	TH81	TH100	TH121	TH131
Operating Weight	kg (lbs)	1500 (3300)	1760 (3880)	2071 (4556)	2635 (5797)	2850 (6270)
Overall Length	mm (in)	2691 (105)	2828 (111)	3055 (120)	3255 (127)	3395 (133)
Oil Flow Requirement	l/min (gpm)	130 ~ 150 (34.3 ~ 39.6)	120 ~ 170 (31.7 ~ 44.9)	170 ~ 240 (44.9 ~ 63.4)	180 ~ 250 (47.5 ~ 66)	200 ~ 250 (52.8 ~ 66)
Operating Pressure	bar/ (psi)	160 ~ 180 (2133 ~ 2417)	160 ~ 180 (2275 ~ 2560)	160 ~ 180 (2275 ~ 2560)	160 ~ 180 (2275 ~ 2560)	170 ~ 190 (2417 ~ 2702)
Accumulator Pressure	bar/ (psi)	55 ~ 60 (782 ~ 853)	55 ~ 60 (782 ~ 853)	55 ~ 60 (782 ~ 853)	55 ~ 60 (782 ~ 853)	55 ~ 60 (782 ~ 853)
Back-Head Pressure	bar/ (psi)	16.5 (235)	16.5 (235)	16.5 (235)	16.5 (235)	16.5 (235)
Blows Per Minute	bpm	300 ~ 600	300 ~ 500	300 ~ 450	300 ~ 450	250 ~ 400
Tool (Chisel) Diameter	mm (in)	135 (5.3)	140 (5.49)	150 (5.88)	155 (6.07)	165 (6.47)
Hose Diameter	in	1	1	1	1-1/4	1-1/4
Impact Energy Class	joule	3288	4270	5694	7117	9965
Applicable Excavator	tonne	18 ~ 23	18 ~ 28	25 ~ 30	28 ~ 35	35 ~ 50



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SPECIFICATIONS

MEDIUM RANGE

SPECIFICATION	Unit	TH43SH	TH45	TH50
Operating Weight	kg (lbs)	650 (1433)	750 (1278)	1050 (2314)
Overall Length	mm (in)	1950 (76.8)	2100 (82)	2500 (98.5)
Oil Flow Requirement	l/min (gpm)	50 ~ 90 (13.1 ~ 23.6)	60 ~ 100 (15.8 ~ 26.3)	80 ~ 110 (21.1 ~ 29.1)
Operating Pressure	bar/ (psi)	120 ~ 150 (1706 ~ 2133)	130 ~ 150 (1849 ~ 2133)	140 ~ 160 (1991 ~ 2275)
Back-Head Pressure	bar/ (psi)	16.5 (235)	16.5 (235)	16.5 (235)
Blows Per Minute	bpm	400 ~ 950	400 ~ 950	350~700
Tool (Chisel) Diameter	mm (in)	75 (2.95)	85 (3.34)	100 (3.94)
Hose Diameter	in	1/2	3/4	3/4
Impact Energy Class	joule	1423	1423	2135
Applicable Excavator	tonne	5.5 ~ 9.0	7.0 ~ 14	11~16



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SPECIFICATIONS

SMALL RANGE

SPECIFICATION	Unit	TH20	TH30	TH40
Operating Weight	kg (lbs)	165 (363)	200 (440)	320 (705)
Overall Length	mm (in)	1262 (49)	1342 (53)	1600 (63)
Oil Flow Requirement	l/min (gpm)	20 ~ 40 (5.25 ~ 10.5)	30 ~ 50 (7.9 ~ 13.2)	40 ~ 90 (10.5 ~ 23.8)
Operating Pressure	bar/ (psi)	90 ~ 120 (1280 ~ 1706)	90 ~ 120 (1280 ~ 1706)	110 ~ 140 (1564 ~ 1990)
Back-Head Pressure	bar/ (psi)	16.5 (235)	16.5 (235)	16.5 (235)
Blows Per Minute	bpm	700 ~ 1200	600 ~ 1100	500 ~ 900
Tool (Chisel) Diameter	mm (in)	45 (1.77)	53 (2.09)	68 (2.68)
Hose Diameter	in	1/2	1/2	1/2
Impact Energy Class	joule	284	427	750
Applicable Excavator?	tonne	1.3 ~ 3.0	2.5 ~ 4.5	4.5 ~ 7.0



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THE RIGHT CHOICE

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Field-proven and customer-sanctioned, Thor Rock Breakers and Post Drivers are enthusiastically accepted as the standard for the industries we serve.

We confidently provide a **two year factory-backed warranty**, full back-up service and stock all parts including a full range of different sized tools.

We proudly ship from the outback to the coast Australia-wide.

For more information and/or obligation-free mechanical and technical advice regarding your machine and specific needs, contact:

Simon Taylor

Managing Director

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