

The **FR60 Compact Excavator Piling Machine** is a compact and versatile drilling solution **designed for foundation and piling applications** where mobility and site access are critical. Delivering reliable drilling performance, strong lifting capacity, and efficient operation, the FR60 is built using globally recognised components for dependable long-term performance and simplified servicing in the field.

All main components are manufactured by third party globally recognised vendors that allow for local supply to reduce down times in the field. The factory is located in Asia to take advantage manufacturing costs and is geographically closer to Australia to reduce shipping costs and delivery times. **Machines are covered by a 12 month or 2,000 hour warranty.**



Item	Manufacturer	Standard (Australian / European Equivalent)
Carrier Base:	Cummins	
Mast Steel Grade:	Q355 / Q460	GB/T 1591-2018 (AS/NZS 3679.1)
Kelly Bar Steel Grade:	Q355 / Q46 / 27SiMn	GB/T 8162 (AS/NZS 1163) / GB/T 3077-2018 (EN 10083)
Rotary Drive:	Rexroth	ISO 4413 (AS 4024.3301)
Hydraulic Components:	Rexroth / Kawasaki	ISO 4413 (AS 4024.3301)
Hydraulic Hoses:	Gates / Continental	EN853-1SN / EN853-2SN / EN857-4SH
Bolt Grade:	≥8.8 grade	GB/T 3098.1-2010 (AS/NZS ISO 898-1) / GB/T 18684-2002 (AS 1418)
Sheave Bearings:	SKF / FAG	GB/T 10051 (AS 3775)
Hooks and Wire rope:	35WK7 grade	GB/T 19001-2016 (ISO 9001:2015)
Welding standards		JB/T 5943-2018 (AS/NZS 1554.1)

### Can't find what you're looking for?

Get in touch with our team and send through your specifications for a tailored solution.

## SPECIFICATIONS

Description	Parameters	Value
Rotary Head	Max Torque:	60 kN.m
	Speed:	0-40 rpm
Max Drilling Diameter		1200 mm
Max Drilling Depth		24 m
Crowd Cylinder	Max Pressure:	105 kN
	Max Lifting Force:	110 kN
	Max Stroke:	1600 mm
Main Winch	Max Lifting Force:	80 kN
Auxiliary Winch	Max Lifting Force:	35 kN
Mast Inclination	Left / Right:	±4°
	Forward:	80°
	Backward:	10°
Machine Weight		24000 kg
Overall Dimensions	Working State (L × W × H):	11034 × 2500 × 3232 mm
	Transport State (L × W × H):	5000 × 1080 × 2500 mm
Transport with Kelly Bar		Yes

