

## FR6 Mini Drill Attachment

The **FR6 Mini Drill Attachment** is a compact and versatile drilling solution designed for geotechnical, foundation, and site investigation applications. Built using high-quality components from globally recognised suppliers including Danfoss, Rexroth, Gates, SKF, and FAG, the FR6 delivers reliable performance, reduced downtime, and strong serviceability. With a **maximum drilling depth of 11 metres**, compact transport dimensions, and compliance with recognised international standards, the FR6 offers a practical and cost-effective solution **backed by a 12-month or 2,000-hour warranty**.

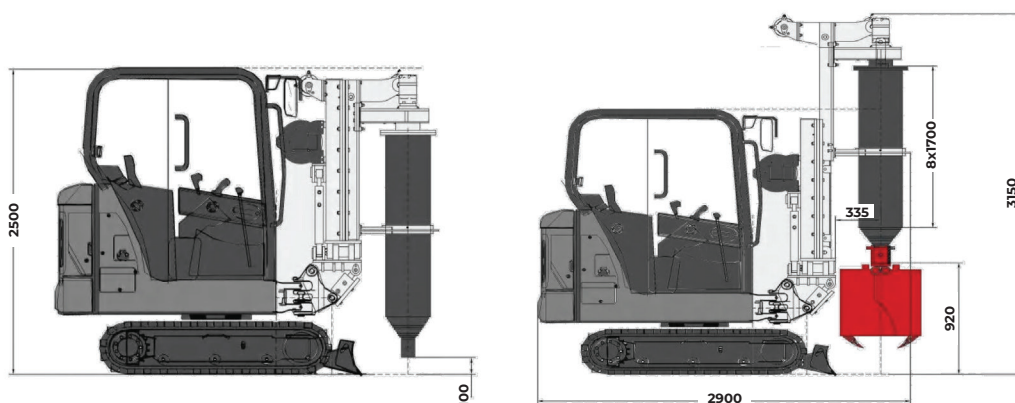
All main components are manufactured by third party globally recognised vendors that allow for local supply to reduce down times in the field. The factory is located in Asia to take advantage manufacturing costs and is geographically closer to Australia to reduce shipping costs and delivery times.



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

## SPECIFICATIONS

Description	Parameters	Value
Rotary Head	Max Torque:	6 kN·m
	Speed:	20–40 rpm
Max Drilling Diameter		500 mm
Max Drilling Depth		11 m
Crowd Cylinder	Max Pressure:	15 kN
	Max Lifting Force:	25 kN
	Max Stroke:	800 mm
Main Winch	Max Lifting Force:	15 kN
	Max Lifting Speed: 1	40 m/min
	Rope Diameter:	16 mm
Auxiliary Winch	Max Lifting Force:	6 kN
	Max Lifting Speed:	30 m/min
	Rope Diameter:	8 mm
Mast Inclination	Left / Right / Forward / Backward:	±4°
Machine Weight		2950 kg
Overall Dimensions	Working State (L × W × H):	3400 × 1400 × 3150 mm
	Transport State (L × W × H):	5000 × 1080 × 2500 mm
Transport with Kelly Bar		Yes



Carrier above is represented for illustration purposes only

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