

The **FR45 Compact Rotary Drilling Attachment** is a **compact and highly capable drilling solution** designed for foundation and piling applications where restricted access, transport efficiency, and fast mobilisation are essential. **Engineered for attachment to suitable carrier machines**, the FR45 delivers reliable drilling performance in confined job sites, low-headroom environments, and projects requiring efficient setup with minimal site preparation. Its **lightweight and compact design improves manoeuvrability** while reducing transport and operational costs.

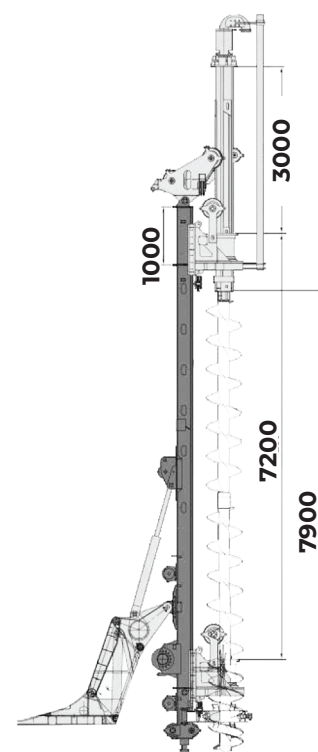
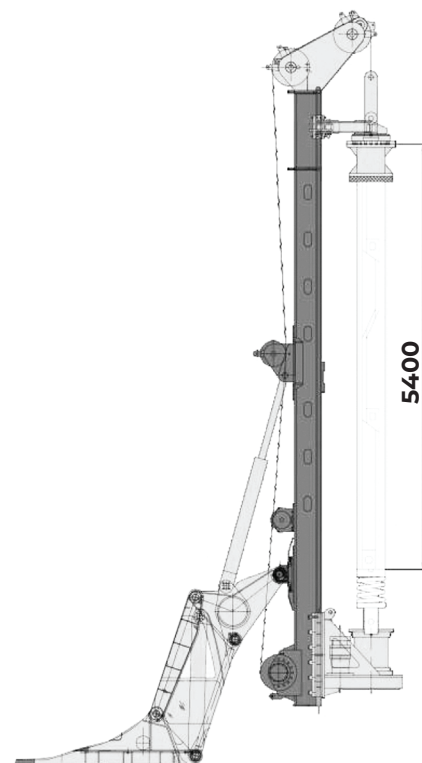
Built for demanding construction environments, the FR45 offers dependable operation, **excellent stability, and integrated safety protection systems** to support safe and efficient drilling performance. Manufactured in Asia for cost and delivery efficiency to Australia, the attachment is supplied fully assembled and **backed by a 12-month / 2,000-hour warranty**.



Item	Manufacturer	Standard (Australian / European Equivalent)
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)

## SPECIFICATIONS

Description		Units
Rotary Head	Maximum Output Torque	45kN.m
	Drilling Speed	0-60rpm
Maximum Drilling Diameter		1000mm
Maximum Drilling Depth		15m
In CFA mode	Max. Drilling diameter	600mm
	Max. drilling depth	10(7+3)m
	Max. Pressure (Crowd winch)	30kN
Crowd Cylinder	Maximum Pressure	80kN
	Max. lifting force	60kN
	Stroke	2000mm
Main Winch	Maximum Lifting Force	60kN
	Maximum Lifting Speed	50m/min
	Rope Diameter	16mm
Auxiliary Winch	Maximum Lifting Force	15kN
	Maximum Lifting Speed	40m/min
	Rope Diameter	10mm
Mast Inclination		4°/4°/87°
Interlocking Kelly Bar		15m
Hydraulic System	Working Pressure	28MPa
Operating Weight		13000kg
Overall Dimensions	Working State	4560x2300 x8590mm
	Transport State	7200x2300 x3000mm



For more information about the FR45 Compact Rotary Drilling Attachment or to discuss your drilling and foundation requirements, contact the team at CESCO Equipment. Our specialists can assist with attachment selection, technical advice, and tailored equipment solutions for restricted-access and foundation drilling applications.