

## FR10 Micro Piling Attachment

The **FR10 Micro Piling Attachment** is a compact and highly versatile drilling attachment designed for micropile, foundation, and restricted-access construction applications. Engineered to deliver powerful 10kN·m drilling performance while maintaining excellent manoeuvrability, the FR10 attachment is **ideal for urban construction sites, rural projects, low-capacity access roads, and confined working environments.**

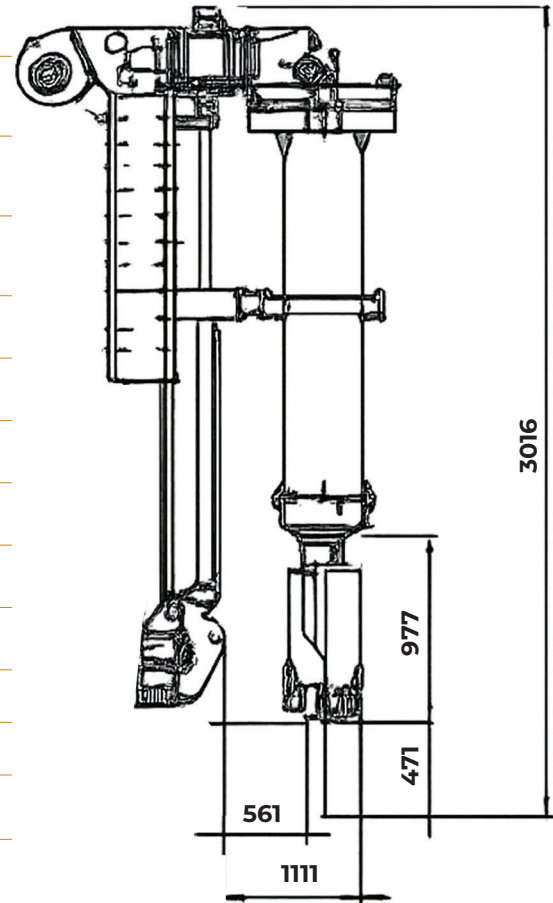
Built using **high-quality hydraulic and mechanical components** from globally recognised third-party manufacturers, the attachment is designed for reliability, simplified servicing, and reduced downtime in the field. Manufactured in Asia to optimise production efficiency and reduce shipping lead times to Australia, the FR10 attachment offers a cost-effective and dependable solution for demanding drilling applications. **The attachment is backed by a 12-month or 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	Motor-Danfoss	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	10kN·m
	Drilling Speed	0-40rpm
Rated Speed	2200rpm	1200 mm
Drilling Speed	0-40rpm	105 kN
Maximum Drilling Diameter	800mm	
Maximum Drilling Depth	12m	
Crowd Cylinder	Maximum Pressure	50kN
	Maximum Lifting Force	20kN
Main Winch	Maximum Lifting Speed	40m/min
	Rope Diameter	12mm
	Maximum Lifting Force	10kN
Auxiliary Winch	Maximum Lifting Speed	40m/min
	Rope Diameter	12mm
	Maximum Lifting Force	10kN
Mast Inclination	Lateral Inclination	±4°
	Forward Inclination	5°
Interlocking Kelly Bar	12m	
Hydraulic System	Working Pressure	28MPa
Operating Weight	6.1T	
Overall Dimensions	Working State	3516 × 1963 × 4554 (3946) mm
	Transport State	3516 × 1720 × 2736 mm



For more information about the FR10 Micro Piling 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.