



TECHNICAL SPECIFICATION

CUTTERHEAD

Excavation diameter	4.040 mm
Cutting tools	17" disc cutter
Number of cutting point	27
Maximum capacity per disc	245 kN

MAIN DRIVE

Variable frequency electric drive	
Number of motors	No. 4 (individual frequency controlled)
Total installed power	4 x 200 = 800 kW
Rotation speed	0 – 11 rpm
Maximum torque @ 5,5 rpm (90% system efficiency)	1.319 kNm
Unlocking torque	2.100 kNm

MAIN THRUST SYSTEM

Number of cylinders	8
Maximum thrust	8.670 kN @ 345 bar
Exceptional thrust	10.500 kN @ 420 bar

AUXILIARY THRUST SYSTEM

Number of cylinders	8
Exceptional thrust	8.600 kN @ 400 bar

SHIELDS

Front shield diameter	3.980 mm
Outer telescopic shield diameter	3.980 mm
Inner telescopic shield diameter	3.890 mm
Gripper shield diameter	3.980 mm
Number of gripper pad	4
Tail shield diameter	3.980 mm

