

TECHNICALLY ADVANCED

HIGH PERFORMANCE | LOW EMISSIONS



MADE FOR THE AUSTRALIAN MINE SITE



MINING EXCAVATORS

XE800D

Product Specifications

OPERATING WEIGHT
78,000 kg

OUTPUT POWER
403 kW/2100 RPM

BUCKET CAPACITY
3.8m³ - 5.6m³

ENGINE
Perkins 2506D

XE800D

MINING EXCAVATOR

DIMENSIONS & SPECIFICATIONS

BETTER WAYS TO WORK

- The Perkins 2506D engine provides strong power, low noise, low emissions, high reliability, and long maintenance cycles, to meet the needs of various construction conditions.
- The high quality hydraulic system and hydraulic components, create an advanced and reliable positive flow control system, providing stronger excavation capabilities.
- The spacious cabin, with a great field of view, suspension seat, high-power A/C and heating, and intelligent control system, optimises the overall operating experience.
- Maintenance is made easy with fuel filters, oil filters, pilot filters, water tanks, and electrical components directly maintainable on the walking table.

BROOKS
EQUIPMENT



Scan to view the XE800D product brochure

MAIN SPECIFICATIONS

ENGINE

Model	Perkins 2506D
Direct Injection	Yes
Four Strokes	Yes
Water Cooling	Yes
Turbo-Charging	Yes
Air to Air Intercooler	Yes
No. of Cylinders	6
Output Power	403/2100 kW/rpm
Torque/Speed	2466/1400 Nm
Displacement	15.2 L

MAIN PERFORMANCE

Travel Speed (H/L)	4.1/2.8 km/h
Rotating Speed	7 r/min
Gradeability	35°
Ground Pressure	113 kPa
Bucket Digging Force	390 kN
Arm Crowd Force	332 kN
Maximum Traction	575 kN

HYDRAULIC SYSTEM

Rated Flow of Main Pump	2 x 450 L/min
Pressure of Prime Valve	35 MPa
Pressure of Travel System	35 MPa
Pressure of Swing System	32 MPa
Pressure of Pilot System	3.9 MPa

OIL CAPACITY

Fuel Tank Capacity	925 L
Hydraulic Tank Capacity	500 L
Engine Oil Capacity	67 L

DIMENSIONS

A Overall Length	12600 mm
B Overall Width	4420 mm
C Overall Height	4690 mm
D Width of Platform	3470 mm
E Length of Crawler	5955 mm
F Overall Width of Chassis	4360 mm
G Width of Crawler	650 mm
H Track Length on Ground	4700 mm
I Crawler Gauge	2750/3410 mm
J Clearance Under Counterweight	1610 mm
K Min. Ground Clearance	850 mm
L Min. Tail Swing Radius	4015 mm
M Height of Crawler	1420 mm
Operating Weight	78000 kg

WORKING SCOPE

A Max. Digging Height	11830 mm
B Max. Dumping Height	7600 mm
C Max. Digging Depth	6660 mm
D 8-Inch Horizontal Plane Digging Depth	6500 mm
E Max. Vertical Wall Digging Depth	3950 mm
F Max. Digging Reach	11690 mm
G Min. Swing Radius	4810 mm

STANDARD

Length of Boom	7000 mm
Length of Arm	2570 mm
Bucket Capacity	5.2m ³

OPTIONAL

Length of Arm	3000 mm
Bucket Capacity: Rock Strength	3.8m ³ / 4m ³ / 4.6m ³ / 5m ³ / 5.6m ³

