

POWER
BUILT TO
LAST



BENETRAX

D160H

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ENGINE

Model & type	Shanghai SC7H170.1G3; water-cooled, in-line, 4-stroke direct injection, turbocharged and intercooled
Rated power	125 kw
Maximum torque	1200 Nm@1300 rpm
Number of cylinders	6
Piston displacement	8.8 L
Emission standard	Tier 3

REFILL CAPACITIES

Diesel fuel	267 L
Engine oil	18 L
Hydraulic oil	80 L
Drive motors (each)	12 L

TRAVEL DRIVE CONTROL

Transmission system	Infinitely variable hydrostatic travel drive, independent drive for each track
Travel speed	Continuously variable
Forward and reverse	0 - 10.0 km/h Travel speed ranges can be set on the travel joystick (speed preset function)
Electronic control	The system automatically adjusts travel speed and drawbar pull to match changing load conditions
Steering	Hydrostatic
Service brake	Hydrostatic (self-locking), wear-free
Parking brake	Multi-disk brake, wear-free, automatically applied to neutral joystick positions
Cooling system	Hydraulic oil cooler integrated in combination radiator, hydrocrastic fan drive
Filter system	Micro cartridge filters in replenishing circuit × 2
Final drive	Reducer with planetary gear
Drawbar pull	230 kN

WEIGHT & DIMENSIONS

Operating weight with ripper	17.9 ton
L × W × H (mm)	6870 × 3400 × 3310

UNDER CARRIAGE

Type	Suspended equalizing beam
Carrier rollers	1 each side
Track rollers	7 each side
Track type	Single-grouser, 40 links
Width of track shoes	510 mm
Pitch	190 mm
Ground pressure	0.05 MPa

HYDRAULIC SYSTEM

Maximum pressure	25 MPa
Pump type	Variable piston pump
Discharge	144 L/min/1850
Bore of working cylinders	100 mm × 243

BLADE

Blade type	PAT blade
Dozing capacity	3.5 m ³
Blade width	3400 mm
Blade height	1200mm
Maximum lifting height	1028 mm
Maximum drop below ground	485 mm
Maximum tilt adjustment	448 mm

RIPPER

Maximum digging depth of 3-shank ripper	500 mm
Maximum lift above ground	510 mm
Weight of 3-shank ripper	1560 kg

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