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BULLDOZER

D39EX-15H

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D39EX-15H

ENGINE	
Model	WEICHAİ WP4G110E221
Type	4-stroke cycle, turbocharged, intercooled, in-line
No. of Cylinders	4
Bore x Stroke	Ø105 mm x 130 mm
Piston Displacement	4.5 L
Flywheel Horsepower	82 kW (110 hp) @ 2000 rpm
Max Torque	460Nm @1300 - 1500 rpm
Emission Rating	Euro II
Fuel Consumption	195g / kWh
Fuel System	Direct injection

TRANSMISSION	
Torque Converter	N.A
Transmission	Hydrostatic
Central Drive Shaft	N.A

FINAL DRIVE	
Final Drive	Double planetary reduction, Hydrostatic

TRAVEL SPEED	
Variable Speed	0 - 9 km/h

UNDERCARRIAGE SYSTEM	
Suspension	Rigid type suspension
No. of Carrier Rollers	2 (each side)
No. of Track Rollers	6 (each side)
No. of Idler	1 (each side)
No. of Track Shoes	42 (each side)
Track Shoe Type	Single grouser
Pitch	171.45 mm
Width	460 mm
Grouser Height	50 mm
Track Gauge	1650 mm
Ground Clearance	340 mm
Ground Pressure	46.1 kPa
Gradeability	30 °
Minimum Turning Radius	3085 mm

WEIGHT	
Operating Weight	9580 kg
With Ripper Attachment	10550 kg

STEERING SYSTEM	
Steering Clutch	N.A

COOLANT AND LUBRICANT CAPACITY	
Coolant	19 L
Fuel Tank	197 L
Engine Oil	10 L
Hydraulic Oil Tank	53 L
Bevel Gear Case	NA
Final Drive Case	5.8 L

WORKING EQUIPMENT AND ATTACHMENT	
Blade Type	PAT Blade
Blade Support	U Frame
Width	2860 mm
Height	1008 mm
Blade Capacity	2.4 m³
Maximum Lift Above Ground	900 mm
Maximum Drop Below Ground	450 mm
Maximum Tilt Adjustment	415 mm
Blade Weight	700 kg
Maximum Pulling Force	155.2 kN

RIPPER	
For Multi-Shank Ripper	
Maximum Digging Depth	340 mm
Maximum Lift Above Ground	440 mm
No. of Shanks	3
For Single-Shank Ripper	
Maximum Digging Depth	N.A
Maximum Lift Above Ground	N.A
No. of Shanks	N.A

DIMENSIONS			D39EX-15H
A	Overall Length (With Ripper)	mm	5357
B	Overall Length (With Blade)	mm	4580
C	Ground Contact Length	mm	2320
D	Overall Height	mm	2950
E	Overall Width (Without Trunnions)	mm	2110
F	Track Gauge	mm	1650
G	Blade Width	mm	2860
H	Blade Height	mm	1008

