

AVENGER - 50HT 4WD

Technical Specifications

Model / Make	ENGINE				
No. of Cylinders 3 Cylinder, Vertical, Inline	Model / Make	PREE	5649		
No. of Cylinders 3 Cylinder, Vertical, Inline Bore / Stroke (mm) 110 / 118 Rated Engine (RPM) 2200 Displacement (cc) 3364 Fuel Pump Inline Plunger Air Cleaner Type Dry With Clogging Sensor Cooling System Water Cooled CLUTCH Type Type Heavy Duty, Dual, Dry, Frictions Plates With Pads Plate Size 278.7/279.1mm∅ TRANSMISSION Gear Box 8F + 8R, Carraro, Synchromesh ROAD SPEED KM/hr Gear HIGH MEDIUM HIGH LOW 1 11.59 3.16 11.57 3.15 2 16.97 4.63 16.94 4.62 3 24.89 6.79 24.84 6.77 4 35.83 9.77 35.75 9.75 HYDRAULIC SYSTEM Type 2 Lever, ADDC Hydraulic Pump Gear Type Lifting Capacity (kg) 2000 STEERING	HP Category	50			
Bore / Stroke (mm)	Туре	Four Stroke [DI		
Rated Engine (RPM) 2200 Displacement (cc) 3364 Fuel Pump Inline Plunger Air Cleaner Type Dry With Clogging Sensor Cooling System Water Cooled CLUTCH Type Heavy Duty, Dual, Dry, Frictions Plates With Pads Plate Size 278.7/279.1 mm Ø TRANSMISSION Gear Box 8F + 8R, Carraro, Synchromesh ROAD SPEED KM/hr FORWARD REVERSE Gear HIGH MEDIUM HIGH LOW 1 11.59 3.16 11.57 3.15 2 16.97 4.63 16.94 4.62 3 24.89 6.79 24.84 6.77 4 35.83 9.77 35.75 9.75 HyDRAULIC SYSTEM Type 2 Lever, ADDC Hydraulic Pump Gear Type Linkage TPL Category - I & II Lifting Capacity (kg) 2000 STEERING Type Powe	No. of Cylinders	3 Cylinder, V	ertical, Inline		
Displacement (cc) 3364 Fuel Pump	Bore / Stroke (mm)	110 / 118			
Fuel Pump	Rated Engine (RPM)	2200			
Air Cleaner Type	Displacement (cc)	3364			
Cooling System Water Cooled CLUTCH Type Heavy Duty, Dual, Dry, Frictions Plates With Pads Plate Size 278.7/279.1mm	Fuel Pump	Inline Plunge	r		
CLUTCH Type Heavy Duty, Dual, Dry, Frictions Plates With Pads Plate Size 278.7/279.1mm∅ TRANSMISSION Gear Box 8F + 8R, Carraro, Synchromesh ROAD SPEED KM/hr FORWARD REVERSE Gear HIGH MEDIUM HIGH LOW 1 11.59 3.16 11.57 3.15 2 16.97 4.63 16.94 4.62 3 24.89 6.79 24.84 6.77 4 35.83 9.77 35.75 9.75 HYDRAULIC SYSTEM Type 2 Lever, ADDC Hydraulic Pump Gear Type Linkage TPL Category - I & II Lifting Capacity (kg) 2000 STEERING Type Power Steering POWER TAKE OFF (PTO) Type Independent PTO Splines 6	Air Cleaner Type	Dry With Clo	gging Sensor		
Type Heavy Duty, Dual, Dry, Frictions Plates With Pads Plate Size 278.7/279.1mm⊘ TRANSMISSION Gear Box 8F + 8R, Carraro, Synchromesh ROAD SPEED KM/hr FORWARD REVERSE Gear HIGH MEDIUM HIGH LOW 1 11.59 3.16 11.57 3.15 2 16.97 4.63 16.94 4.62 3 24.89 6.79 24.84 6.77 4 35.83 9.77 35.75 9.75 HYDRAULIC SYSTEM Type 2 Lever, ADDC Hydraulic Pump Gear Type Linkage TPL Category - I & II Lifting Capacity (kg) 2000 STEERING Type Power Steering POWER TAKE OFF (PTO) Type Independent PTO Splines 6	Cooling System	Water Cooled	1		
Plate Size 278.7/279.1mm⊘ TRANSMISSION Gear Box 8F + 8R, Carraro, Synchromesh ROAD SPEED KM/hr FORWARD REVERSE Gear HIGH MEDIUM HIGH LOW 1 11.59 3.16 11.57 3.15 2 16.97 4.63 16.94 4.62 3 24.89 6.79 24.84 6.77 4 35.83 9.77 35.75 9.75 HYDRAULIC SYSTEM Type 2 Lever, ADDC Hydraulic Pump Gear Type Linkage TPL Category - I & II Lifting Capacity (kg) 2000 STEERING Type Power Steering POWER TAKE OFF (PTO) Type Independent PTO Splines 6	CLUTCH				
RANSMISSION SF + 8R, Carraro, Synchromesh ROAD SPEED KM/hr FORWARD REVERSE	Туре	Heavy Duty,	Dual, Dry, Frict	tions Plates Wit	h Pads
Gear Box 8F + 8R, Carraro, Synchromesh ROAD SPEED KM/hr FORWARD REVERSE Gear HIGH MEDIUM HIGH LOW 1 11.59 3.16 11.57 3.15 2 16.97 4.63 16.94 4.62 3 24.89 6.79 24.84 6.77 4 35.83 9.77 35.75 9.75 HYDRAULIC SYSTEM Type 2 Lever, ADDC Hydraulic Pump Gear Type Linkage TPL Category - I & II Lifting Capacity (kg) STEERING Type Power Steering POWER TAKE OFF (PTO) Type Independent PTO Splines	Plate Size	278.7/279.1	mm∅		
ROAD SPEED KM/hr FORWARD REVERSE Gear HIGH MEDIUM HIGH LOW 1 11.59 3.16 11.57 3.15 2 16.97 4.63 16.94 4.62 3 24.89 6.79 24.84 6.77 4 35.83 9.77 35.75 9.75 HYDRAULIC SYSTEM Type 2 Lever, ADDC Hydraulic Pump Gear Type Linkage TPL Category - I & II Lifting Capacity (kg) 2000 STEERING Type Power Steering POWER TAKE OFF (PTO) Type Independent PTO Splines 6	TRANSMISSION				
Gear HIGH MEDIUM HIGH LOW 1 11.59 3.16 11.57 3.15 2 16.97 4.63 16.94 4.62 3 24.89 6.79 24.84 6.77 4 35.83 9.77 35.75 9.75 HYDRAULIC SYSTEM Type 2 Lever, ADDC Hydraulic Pump Gear Type Linkage TPL Category - I & II Lifting Capacity (kg) 2000 STEERING Type Power Steering POWER TAKE OFF (PTO) Type Independent PTO Splines 6	Gear Box	8F + 8R, Car	raro, Synchron	nesh	
1 11.59 3.16 11.57 3.15 2 16.97 4.63 16.94 4.62 3 24.89 6.79 24.84 6.77 4 35.83 9.77 35.75 9.75 HYDRAULIC SYSTEM Type 2 Lever, ADDC Hydraulic Pump Gear Type Linkage TPL Category - I & II Lifting Capacity (kg) 2000 STEERING Type Power Steering POWER TAKE OFF (PTO) Type Independent PTO Splines 6	ROAD SPEED KM/hr	FORV	VARD	REVE	ERSE
2 16.97 4.63 16.94 4.62 3 24.89 6.79 24.84 6.77 4 35.83 9.77 35.75 9.75 HYDRAULIC SYSTEM Type 2 Lever, ADDC Hydraulic Pump Gear Type Linkage TPL Category - I & II Lifting Capacity (kg) 2000 STEERING Type Power Steering POWER TAKE OFF (PTO) Type Independent PTO Splines 6	Gear	HIGH	MEDIUM	HIGH	LOW
3 24.89 6.79 24.84 6.77 4 35.83 9.77 35.75 9.75 HYDRAULIC SYSTEM Type 2 Lever, ADDC Hydraulic Pump Gear Type Linkage TPL Category - I & II Lifting Capacity (kg) 2000 STEERING Type Power Steering POWER TAKE OFF (PTO) Type Independent PTO Splines 6	1	11.59	3.16	11.57	3.15
4 35.83 9.77 35.75 9.75 HYDRAULIC SYSTEM Type 2 Lever, ADDC Hydraulic Pump Gear Type Linkage TPL Category - I & II Lifting Capacity (kg) 2000 STEERING Type Power Steering POWER TAKE OFF (PTO) Type Independent PTO Splines 6	2	16.97	4.63	16.94	4.62
Type 2 Lever, ADDC Hydraulic Pump Gear Type Linkage TPL Category - I & II Lifting Capacity (kg) 2000 STEERING Type Power Steering POWER TAKE OFF (PTO) Type Independent PTO Splines 6	3	24.89	6.79	24.84	6.77
Type 2 Lever, ADDC Hydraulic Pump Gear Type Linkage TPL Category - I & II Lifting Capacity (kg) 2000 STEERING Type Power Steering POWER TAKE OFF (PTO) Type Independent PTO Splines 6	4	35.83	9.77	35.75	9.75
Hydraulic Pump Gear Type Linkage TPL Category - I & II Lifting Capacity (kg) 2000 STEERING Type Power Steering POWER TAKE OFF (PTO) Type Independent PTO Splines 6	HYDRAULIC SYSTEM	1			
Linkage TPL Category - I & II Lifting Capacity (kg) 2000 STEERING Type Power Steering POWER TAKE OFF (PTO) Type Independent PTO Splines 6	Туре	2 Lever, ADD	С		
Lifting Capacity (kg) 2000 STEERING Type Power Steering POWER TAKE OFF (PTO) Type Independent PTO Splines 6	Hydraulic Pump	Gear Type			
STEERING Type Power Steering POWER TAKE OFF (PTO) Type Independent PTO Splines 6	Linkage	TPL Category	/ - I & II		
Type Power Steering POWER TAKE OFF (PTO) Type Independent PTO Splines 6	Lifting Capacity (kg)	2000			
POWER TAKE OFF (PTO) Type Independent PTO Splines 6	STEERING				
Type Independent PTO Splines 6	Туре	Power Steeri	ng		
Splines 6	POWER TAKE OFF (F	PTO)			
·	Туре	Independent	PT0		
PTO / Speed 540	Splines	6			
	PTO / Speed	540			

Note : As per our policy is that of	continuous development,	, specifications may	change without any prior	notice.
For further details contact your n	earest dealer.			

PREET	TRACTORS	PVT.	LTD.
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	rediffical opeomoations
CAPACITIES (LITRES)	
Fuel Tank	67.0
Engine Sump	6.65
Cooling System	10.1
Transmission & Hydraulic	35.0
Steering System	1.9
ELECTRICAL INSTALLAT	ION
Battery	12V, 75Ah
Alternator	12V, 42A
Starter Motor	12V, 2.7 KW
MIN. TURNING RADIUS	
Without Brakes (m)	3.8
TYRE SIZE	
Front	8.3 x 20 (Hi-Lug)
Rear	14.9 x 28 (Hi-Lug)
Weight (Kg.)	2060
BRAKES	
BRAKES Type	Oil Immersed Multi Disc
Туре	
Type OVERALL DIMENSIONS	(mm)
Type OVERALL DIMENSIONS Overall Length	(mm) 3765
Type OVERALL DIMENSIONS Overall Length Width	(mm) 3765 1850
Type OVERALL DIMENSIONS Overall Length Width Height upto Exhaust	(mm) 3765 1850 2245
Type OVERALL DIMENSIONS Overall Length Width Height upto Exhaust Ground Clearance Wheel Base Front Track	(mm) 3765 1850 2245 345 2190 1345
Type OVERALL DIMENSIONS Overall Length Width Height upto Exhaust Ground Clearance Wheel Base	(mm) 3765 1850 2245 345 2190
Type OVERALL DIMENSIONS Overall Length Width Height upto Exhaust Ground Clearance Wheel Base Front Track	(mm) 3765 1850 2245 345 2190 1345
Type OVERALL DIMENSIONS Overall Length Width Height upto Exhaust Ground Clearance Wheel Base Front Track Rear Track	(mm) 3765 1850 2245 345 2190 1345
Type OVERALL DIMENSIONS Overall Length Width Height upto Exhaust Ground Clearance Wheel Base Front Track Rear Track FRONT DRIVE AXLE	(mm) 3765 1850 2245 345 2190 1345 1415
Type OVERALL DIMENSIONS Overall Length Width Height upto Exhaust Ground Clearance Wheel Base Front Track Rear Track FRONT DRIVE AXLE Differential	(mm) 3765 1850 2245 345 2190 1345 1415 Limited Slip
Type OVERALL DIMENSIONS Overall Length Width Height upto Exhaust Ground Clearance Wheel Base Front Track Rear Track FRONT DRIVE AXLE Differential Bevel Ratio Hub Ratio Total Ratio	(mm) 3765 1850 2245 345 2190 1345 1415 Limited Slip 1:2:133 1:6 1:12:8
Type OVERALL DIMENSIONS Overall Length Width Height upto Exhaust Ground Clearance Wheel Base Front Track Rear Track FRONT DRIVE AXLE Differential Bevel Ratio Hub Ratio	(mm) 3765 1850 2245 345 2190 1345 1415 Limited Slip 1:2:133 1:6

Authorised Dealer

PTPL/AVENGER/2025/FEB/11