

**PREET
HORNETT**

WHEEL LOADER 4949

POWERED BY
BSV
STAGE ENGINE



ALL NEW

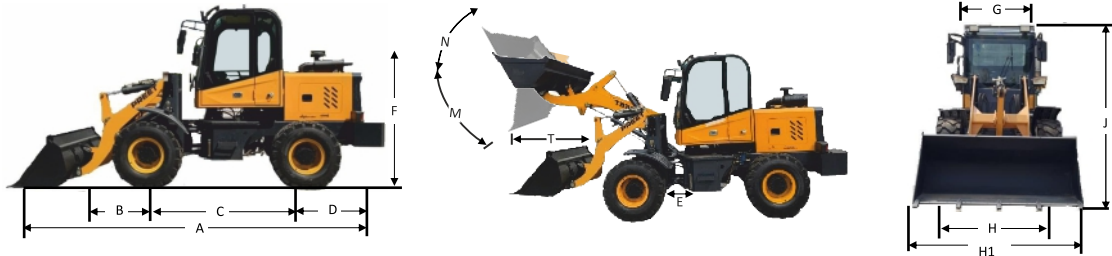


PREET WHEEL LOADER

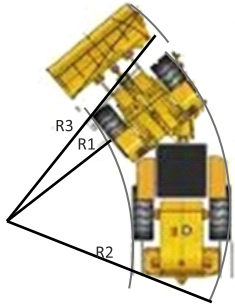
WITH THE MOST FUEL EFFICIENT & REMARKABLE PERFORMANCE



PREET HORNETT WHEEL LOADER 4949



TURNING RADIUS



STATIC DIMENSIONS

NOMECULTURE	UNIT	
A OVERALL LENGTH WITH BUCKET	m	4.7
B AXLE TO PIVOT PIN	m	0.96
C WHEEL BASE	m	1.94
D AXLE TP TOR HITCH ON COUNTERWEIGHT	m	1
E MINIMUM GROUND CLEARANCE	mm	240
F HEIGHT OVER EXHAUST	m	1.65
G WIDTH OVER CAB	m	1.11
H WIDTH OVER TYRES	m	1.6
H1 WHEEL TRACK	m	1.3
J HEIGHT OVER CAB	m	2.3

PREET COMPACT LOADER SPECIFICATION DATA

NOMECULTURE	UNIT	
BUCKET CAPACITY (STUCK)	m3	0.6 m3
BUCKET WIDTH	m	1.58
BUCKET WEIGHT	kg	95 KG
TIPPING LOAD STRAIGHT	kg	2200
TIPPING LOAD FULL	kg	1800
PAYLOAD	kg	900kg
MAXIMUM BREAKOUT FORCE	kN	29
OPERATING WEIGHT	kg	2050±50
M DUMP ANGLE MAXIMUM	deg	37°
N ROLL BACK ANGLE FULL HEIGHT	deg	62°
O ROLL BACK AT CARRY	deg	37°
P ROLL BACK AT GROUND LEVEL	deg	34°
Q LOAD OVER HEIGHT	m	2.72
R DUMP HEIGHT (MAX DUMP)	m	2.24
R1 INSIDE RADIUS	m	3.83
R2 MAXIMUM RADIUS OVER TYRE SIZE (20.5/70 X 16)	m	5.13
R3 MAXIMUM RADIUS OVER SHOVEL	m	5.27
S DIG DEPTH	mm	65
T REACH @ DUMP HEIGHT	m	0.93
REACH MAXIMUM (45° DUMP) ARM HORIZONTAL	m	1.205
PIN HEIGHT MAXIMUM	m	1.005

LOADER

Compact Size Loader with 2 ram geometry (Z-bar Linkage) providing high breakout force with excellent loading characteristics. The pin, bush and sealing design on all pivot pins provide extended maintenance intervals

ENGINE

Make : PREET
Power : 33 kw @ 2400 rpm
Rated Power : 45 HP
Max Torque : 210 Nm

TRANSMISSION

Make : Preet
Type : 4WD
Mechanical

SPEEDS

Speeds : 0-25 kmph
Range : High/Low
Type : Forward/Reverse

AXLES

Type : Planetary hub reduction
Make : Preet
Overall axle ratio : 20:1

BRAKES

Service: Hydraulic power braking on all wheels, operating pressure 80 bar. Out-board mounted plate disk brakes.
Parking : Mechanical disc type

STEERING

- Hydraulic unit operating at 80 bar to provide low effort and smooth response.
- Steer ram located high in chassis to provide protection from damage.

CABIN

- ROPS/FOPS structure (optional).
- Deluxe operator environment combines ergonomically located controls.
- Entry/ Exit via large rear hinged door and anti-slip steps.
- Laminated wind screen for better visibility & safety

PERFORMANCE DIMENSIONS

TYRES

Size : 20.5/70-16
Rating : 18 PR

ELECTRICALS

24 volt negative ground system, 45 Amp alternator with 2X60 AH low maintenance batteries. Ignition key start/stop.
Other electrical equipment include 4 front and 2rear work lights, registration plate light at rear, parking lights, direction indicators, reverse lights and alarm. Relays & fuses are well identified and conveniently located on the rear console.

HYDRAULICS

Gear piston pump with Twin spool remote mounted valve block. Main services are servo actuated from hydraulic remote lever.
Pump displacement : 20 cc/rev
System pressure : 210 bar
Pump flow : 48 lpm

SERVICE CAPACITIES

Hydraulic system : 30 L
Fuel tank : 30 L
Engine oil : 8 L
Cooling system : 10 L
Transmission : 12 L
Front Axle oil : 10 L
Rear Axle oil : 10 L

OPTIONS

- Air condition
- Rearview camera
- Cabin front grill
- FOPS/ROPS

PREET CONSTRUCTION EQUIPMENTS PVT. LTD.

H.O. & Plant : Patiala Road, Nabha - 147 201 Punjab, India.
Ph.: +91-1765-220400, 222609
Email : info@preet.co | www.preet.co
Toll Free : 1800-419-0349



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