

# HEMAN 175

SKID STEER LOADER

ENGINE - KOHLAR - BS V

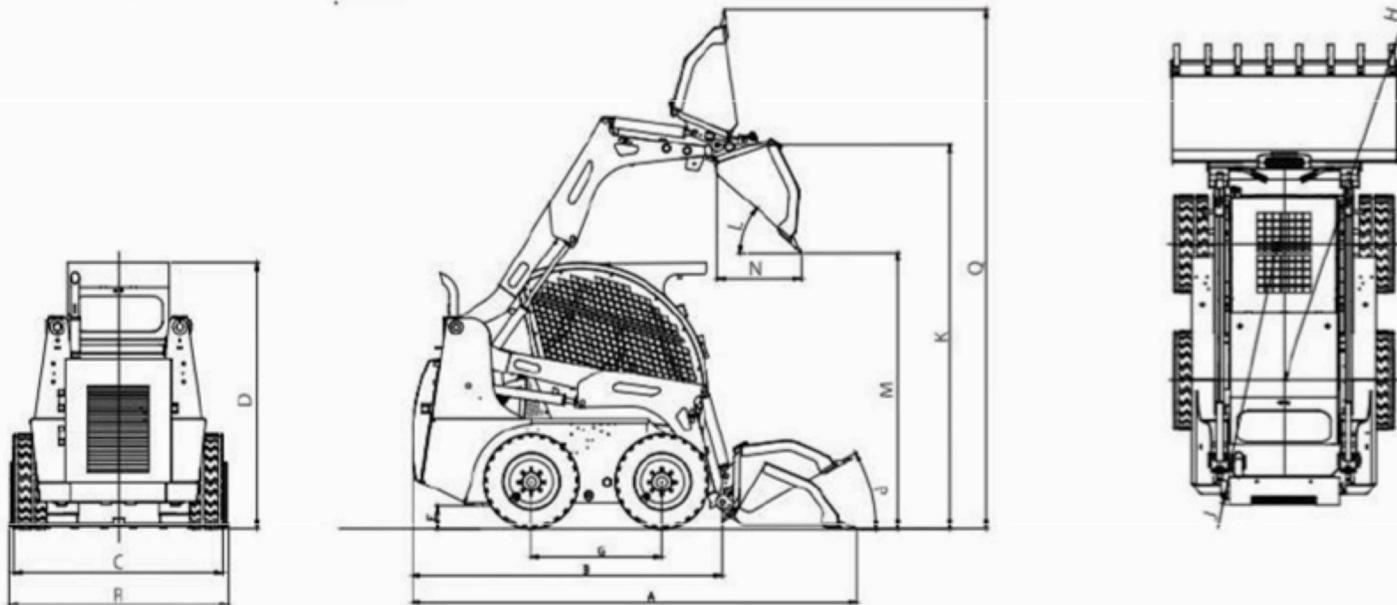


STYLISH MULTITASK UTILITY  
POWERFUL ATTACHMENT  
DESIGN  
SPECIAL SAFETY

**ASSEM AUDI**  
Handelsgesellschaft mbH

**50**  
Years of  
Experience

# SKID STEER LOADER



## DIMENSIONS

	mm/deg
A - Length with bucket	3475
B - Length without bucket	2570
C - Width over tyres	1650
D - Overall Height	1950
E - Ground clearance	210
F - Departure angle rear	26
G - Wheelbase	1023
H - Turning radius rear corner	2110
J - Turning radius bucket corner	2680
K - Pin height	3022
L - Dump angle	40
M - Dump Height	2280
N - Reach at dump height	642
P - Roll back angle at ground	30
Q - Max reach at full height	4000
R - Bucket width (Standard)	1708

## FEATURES

Multi-disc parking brakes  
 Gear drive  
 Front cab access  
 Fuel water trap  
 Hydraulic parallel lift  
 Adjustable seat  
 Instruments audio/visual  
 Instruments  
 Dual element air cleaner  
 Chassis-rigid fully welded high tensile steel structure  
 Roof window for enhanced operating visibility.  
 Rear window for emergency exit.  
 Heavy duty gear boxes with slip-free gears.  
 Axles of high ductile forgings, self lubricating.

### Mechanical hitch for quick change of attachments.

Ergonomically designed seat, user friendly controls.  
 Visual and audio warning to prevent system failures.  
 Adequate inbuilt safety measures for operator/machine.  
 Hydraulic tilt back cabin for maintenance ease.

## TRANSMISSION

Hydrostatic 4X4 independent drive through  
 Tandem variable axial piston pumps  
 Fixed displacement low speed high torque motors  
 Steering system All wheel steer  
 Hydraulic pump system type Gear type

### Final drive through positive gear drive (Train)

## TYRES

Front/ rear	10X16.5-10/8PR(Pneumatic)
Max. travel speed	13 kmph

## SPECIFICATION

SAE Operating weight	2900 Kgs
Standard bucket capacity	0.46 cu m.
Time to raise lift arms fully	3-5 Sec.
Breakout force-bucket	18850Nm
Breakout force-lift arm	14450Nm
Tipping load at maximum reach	1200(Kg)
Type of fuel	Diesel
Number of forward speed	One
Number of reverse speed	One

## STANDARD FEATURES

Auxiliary hydraulics  
 Cab - swing up  
 Tubeless tyres  
 Key stop  
 Lift arm stop  
 Lifting eyes  
 Working light  
 Quick hitch  
 Roof window  
 Safety Seat belt  
 Cabin light  
 Rear window for emergency exit  
 Hydraulic clog indicator  
 Fuel clog indicator  
 Cab with front door lock  
 Rear view mirrors  
 Wiper motor with wiper blade  
 Cabin fan  
 Head lights with side indicators  
 Tool kit  
 4 chamber tail lamps

## HYDRAULICS

Engine driven gear pump with valve block, twin arms lift cylinder with end cushion and bucket cylinders.	
Flow (Liters per min)	80
Working pressure (bar)	175

## ELECTRICALS

12 volts negative earth system with battery isolator	
Battery	130AH
Low maintenance alternator	80 Amp
Starter motor	12V

## BRAKES

Service brake: Hydraulically activated and released multi plate Fade free breaks from integral part of drive motors.  
 Parking Brake: Electrically activated

## CAPACITIES

Fuel tank	62 Liters
Engine lub oil	14 Liters
Engine coolant	14 Liters
Transmission	16 Liters
Hydraulic system	62 Liters

## PERFORMANCE

Rated operating capacity for lifting	750 Kgs
Tipping load	1200 Kgs

## ENGINE

### BS V Model

Kohler KDI 1903 TCR CEV - V  
 42 KW @ 2600 rpm 3 Cylinder, Diesel Engine  
 Naturally Aspirated

## ATTACHMENTS

6 IN 1 Bucket  
 Sweeper collector  
 Ripper tooth  
 Backhoe  
 Excavator Bucket: 300mm,450mm,600mm  
 Ditch Cleaning bucket.  
 Pallet Forks  
 Industrial grappler  
 Rock breaker  
 Snow blower  
 Rubber tracks (Track over tyres)  
 Post hole borer / Auger  
 Shredder  
 Snow Blade  
 Stump Grinder  
 Trencher  
 Side Tip Bucket  
 High Tip Bucket

## OPTIONAL

Heavy duty tyres/ Solid tyres -Tubeless  
 Buckets: Varying capacities upto 0.65 cum limited to machine rating operating capacity.  
 Servo Variant also available

*Note: All are variable within ± 1.5%. Vert Equipment Pvt Ltd. reserves the right to change specifications without prior notice.*