



**WACKER
NEUSON**
all it takes!

DV90

1000391567

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DV90

Material number 1000391567



The DV90 Dual View sets new standards in terms of operator and construction site safety, flexibility and economic efficiency. Dual view allows the operator to conveniently and quickly turn the seat with a 180-degree rotation of the entire operator control panel and the seat console. This always gives the operator a perfect view in the direction of travel – during transport, loading and dumping.

Product details

- Hydrostatic 4-wheel drive with automatic ECO mode
- Rotating seat
- Cab
- Sturdy skip guard
- Spring-loaded parking brake

Standard Components

General

- Ball-bearing 180° rotating seat console with automatic switch-over for the steering, travel direction and travel direction indicator
- Main seat position: skip in rear
- Secondary seat position: skip in front
- Payload 9,000 kg
- Hydraulic front tip skip (volume struck 3,800 L, heaped 4,700 L)
- Roll Over Protective Structure (ROPS)
- Max. speed: 25 km/h (15.5 mph)
 - + 25 km/h (15.5 mph) forward speed in main seat position
 - + 15 km/h (9.3 mph) reverse speed in main seat position
 - + 20 km/h (12.4 mph) forward speed in secondary seat position
 - + 15 km/h (9.3 mph) reverse speed in secondary seat position
- Tires: 500/60-22.5 (Alliance, Flotation 332) flotation tires with outstanding traction

- Tires: 500/60-22.5 (Alliance, Flotation 332) flotation tires with outstanding traction
- Rear-view camera (IP69) with infrared and white LEDs
- Multi-functional 7-inch color display (IP69) for camera and machine signals (e.g. travel speed, counter for maintenance intervals)
- Lockable vandalism protection for the display
- Document box can be reached from the operator's seat (A4 format, watertight, lockable)
- Road lighting for use in the main position
- One work light in the skip direction
- Mirror package, left and right/ramp mirror
- Wheel chock
- Reverse alarm, signal change depending on seat position
- Battery main switch and positive terminal behind a lockable cover, can be reached from the ground

Engine

- Water-cooled Deutz turbo diesel engine TD 2.9, 4 cylinders, 2,900 ccm, 55.4 kW (75.3 hp) (stage 5)
- Auto-stop function

Hydraulics

- Permanent all-wheel drive
- Hydrostatic automotive drive
- Hydrostatic drive system with hydrostatic brake - with brake light
- Hydrostatic articulated frame steering (load sensing)
- Combined brake-inch pedal, designed as 2-circuit brake system
- Electrically operated spring-loaded parking brake

Comes with

Maschine

Technical specifications

DV90

MECHANICAL DETAILS

Length	4.919 mm
Width	2.524 mm
Height	3.620 mm
Skip capacity levelled	3.600 l
Skip capacity heaped	4.500 l
Operating weight (min.-max.)	4.691 - 5.444 kg
Payload	9.000 kg
Skip capacity waterlevel	2.350 l

MECHANICAL - OUTPUT DETAILS

Gradeability	50,0 %
Travel speed	30,0 km/h

ENGINE

Engine type	Diesel engine, Turbodieselengine air cooling
Effective power	55,4 kW, 55,4 kW
Nominal Engine speed	2.200 1/min, 2.300 1/min
Cylinder	null, 4, 4
Cylinder capacity	2.925 cm ³ , 2.925 cm ³ , 2.925 cm ³
Engine Manufacturer	Deutz, Deutz
Engine Designation	null, TD2.9 L4
Stroke	110 mm
Bore	92 mm

Cooling	Water-cooling, Water-cooling
Exhaust-gas limit	EPA Tier 4 final, EU Stage IIIB, null
Kraftstofftyp	Diesel EN 590
Starter battery Voltage	12 V, 12 V

ENVIRONMENT DATA

Sound power LWA, guaranteed	101,0 dB(A)
Exhaust-gas limit	US TIER 4 final, EU Stage IIIB, EU Stage V, US TIER 4

CHASSIS

Turning radius	6.760 mm
Articulation angle	28 °
Hydraulikpump	axialpistonpump
Flow rate	123 l/min

HYDRAULIC

Operating pressure hydraulics	240,0 bar
Hydraulicpump	ZRP
Flow rate	70 l/min

SHIPPING AND STORAGE

Shipping weight	4.545,00 kg
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SHIPPING AND STORAGE

Shipping weight	10.020,0 lb
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ENGINE

Engine type	Diesel engine, Turbodieselengine air cooling
Effective power	74,3 hp, 74,3 hp
Nominal Engine speed	2.200 1/min, 2.300 1/min
Cylinder	null, 4, 4
Cylinder capacity	178,5 Inch ³ , 178,5 Inch ³ , 178,5 Inch ³
Engine Manufacturer	Deutz, Deutz
Engine Designation	null, TD2.9 L4
Stroke	110 mm
Bore	92 mm
Cooling	Water-cooling, Water-cooling
Exhaust-gas limit	EPA Tier 4 final, EU StageIIIB, null
Kraftstofftyp	Diesel EN 590
Starter battery Voltage	12 V, 12 V

ENVIRONMENT DATA

Sound power LWA, guaranteed	101,0 dB(A)
Exhaust-gas limit	US TIER 4 final, EU Stage IIIB, EU Stage V, US TIER 4

MECHANICAL DETAILS

Length	193,7 "
Width	99,4 "
Height	142,5 "
Skip capacity levelled	951,0 gal US
Skip capacity heaped	1.188,8 gal US

Operating weight (min.-max.)	10.341,9 - 12.002,0 lb
Payload	19.841,6 lb
Skip capacity waterlevel	620,8 gal US

MECHANICAL - OUTPUT DETAILS

Gradeability	50,0 %
Travel speed	18,6 m/H

CHASSIS

Turning radius	266,1 "
Articulation angle	28 °
Hydraulikpump	axialpistonpump
Flow rate	32,5 gal/mi

HYDRAULIC

Operating pressure hydraulics	3.480,0 psi
Hydraulicpump	ZRP
Flow rate	18,5 gal/mi

Please Note

This product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the started power may vary due to specific operating conditions. Subject to alterations and errors expected. Applicable also to illustrations.

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