

DW90

Wheel Dumpers



Unbeatable off-road: the DW90 wheel dumper

Uneven ground conditions are the area of application where the wheel dumper is most at home. This is where its strengths are displayed to best advantage: hydrostatic all-wheel drive with ECO mode, exceptional off-road capability and extreme gradeability, paired with different skip versions and a wear-free spring-loaded parking brake.

- Maintenance-free hydrostatic all-wheel drive.
- Very good gradeability
- Swivel tip skip optional ex factory
- Maximum payload 9,000 kg
- For maximum comfort. Optionally with air-conditioning system

Technical specifications

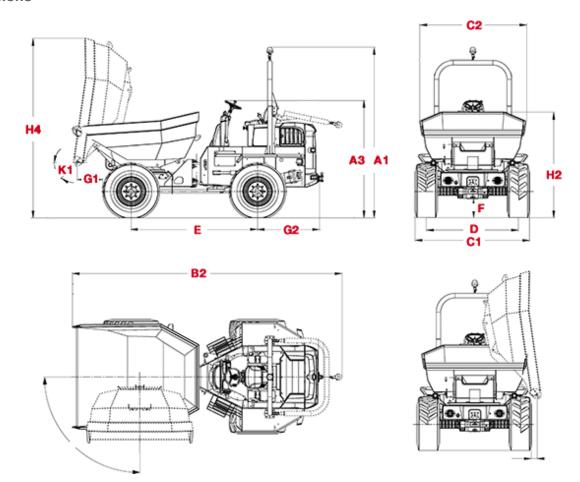
	DW90 swivel tip skip	DW90 front tip skip	
Operating data			



Net weight kg 5,611 5,189 Shipping weight ROPS kg 5,671 5,189 Shipping weight Cabin kg 5,774 5,298 Skip capacity struck I 3,300 3,750 Skip capacity water volume I 2,060 2,400 Engine / Motor Engine / Motor manufacturer Perkins Perkins Engine / Motor type 854E 854E Engine / Motor water-cooled 4-cylinder turbo-diesel incl. intercooler water-cooled 4-cylinder turbo-diesel incl. intercooler Engine performance according to ISO 3046/1 kW 55 55 Engine PPM rpm 2,200 2,200 Engise RPM rpm 2,200 2,200 Enissions Level 3b/Tier 4 interim Level 3b/Tier 4 interim Travel speed km/h 25 25 Articulation angle ° 29 29 Pendulum angle ° 11 11 Turning radius mm 6,550 6,000 Gradeability % 50 50 Tires 500/60-22.5 500/60-22.5 L x W x		DW90 swivel tip skip	DW90 front tip skip	
Shipping weight ROPS kg 5,671 5,189 Shipping weight Cabin kg 5,774 5,298 Skip capacity struck I 3,300 3,750 Skip capacity water volume I 2,060 2,400 Engine / Motor Engine / Motor manufacturer Perkins Perkins Engine / Motor type 854E 854E Engine / Motor water-cooled 4-cylinder turbo-diesel incl. intercooler intercooler Engine performance 55 55 Engine performance 55 55 according to ISO 3046/1 kW 3,400 3,400 Engine RPM rpm 2,200 2,200 Ensissions Level 3b/Tier 4 interim Level 3b/Tier 4 interim Traction drive 4WD, hydrostatic incl. ECO mode 4WD, hydrostatic incl. ECO mode Travel speed km/h 25 25 Articulation angle ° 29 29 Pendulum angle ° 11 11 Turning radius mm 6,550 6,000 Gradeability % 50 50 Tires	Payload kg	9,000	9,000	
Shipping weight Cabin kg 5,774 5,298 Skip capacity struck I 3,300 3,750 Skip capacity heaped I 4,400 4,550 Skip capacity water volume I 2,060 2,400 Engine / Motor Engine / Motor manufacturer Perkins Perkins Engine / Motor type 854E 854E Engine / Motor water-cooled 4-cylinder turbo-diesel incl. intercooler intercooler Engine performance according to ISO 3046/1 kW 55 55 Displacement cm³ 3,400 3,400 Engine RPM rpm 2,200 2,200 Emissions Level 3b/Tier 4 interim Level 3b/Tier 4 interim Traction drive 4WD, hydrostatic incl. ECO mode 4WD, hydrostatic incl. ECO mode Travel speed km/h 25 25 Articulation angle ° 29 29 Pendulum angle ° 11 11 Turning radius mm 6,550 50 Gradeability % 50 50 Steering pump Axial piston pump Flow rate I/mi	Net weight kg	5,611	5,183	
Skip capacity struck I 3,300 3,750 Skip capacity heaped I 4,400 4,550 Skip capacity water volume I 2,060 2,400 Engine / Motor Engine / Motor type 854E 854E Engine / Motor water-cooled 4-cylinder turbo-diesel incl. intercooler water-cooled 4-cylinder turbo-diesel incl. intercooler Engine performance according to ISO 3046/1 kW 55 55 Displacement cm³ 3,400 3,400 Engine RPM rpm 2,200 2,200 Engissions Level 3b/Tier 4 interim Level 3b/Tier 4 interim Travel speed km/h 25 25 Articulation angle ° 29 29 Pendulum angle ° 11 11 Turning radius mm 6,550 6,000 Gradeability % 50 50 Tires 500/60-22.5 500/60-22.5 L x W x H mm 5,185 x 2,465 x 2,545 4,760 x 2,465 x 3,165 Steering pump Axial piston pump Axial piston pump Flow rate I/min 171 171	Shipping weight ROPS kg	5,671	5,189	
Skip capacity heaped I 4,400 4,550 Skip capacity water volume I 2,060 2,400 Engine / Motor Engine / Motor manufacturer Perkins Perkins Engine / Motor type 854E 855 55 55 55 55 55 55 55 55 52 52 <td <="" rowspan="2" td=""><td>Shipping weight Cabin kg</td><td>5,774</td><td>5,298</td></td>	<td>Shipping weight Cabin kg</td> <td>5,774</td> <td>5,298</td>	Shipping weight Cabin kg	5,774	5,298
Skip capacity water volume I 2,060 2,400 Engine / Motor Perkins Perkins Engine / Motor type 854E 854E Engine / Motor water-cooled 4-cylinder turbo-diesel incl. intercooler Engine performance according to ISO 3046/1 kW 55 55 Displacement cm³ 3,400 3,400 Engine RPM rpm 2,200 2,200 Emissions Level 3b/Tier 4 interim Level 3b/Tier 4 interim Traction drive 4WD, hydrostatic incl. ECO mode 4WD, hydrostatic incl. ECO mode Travel speed km/h 25 25 Articulation angle ° 29 29 Pendulum angle ° 11 11 Turning radius mm 6,550 6,000 Gradeability % 50 50 Tires 500/60-22.5 500/60-22.5 L x W x H mm 5,185 x 2,465 x 2,545 4,760 x 2,465 x 3,165 Steering pump Axial piston pump Axial piston pump Flow rate I/min 171 171 Operating pressure bar 235 235 <td>Skip capacity struck I</td> <td>3,300</td> <td>3,750</td>		Skip capacity struck I	3,300	3,750
Engine / Motor Perkins Perkins Engine / Motor type 854E 854E Engine / Motor water-cooled 4-cylinder turbo-diesel incl. intercooler water-cooled 4-cylinder turbo-diesel incl. intercooler Engine performance according to ISO 3046/1 kW 55 55 Displacement cm³ 3,400 3,400 Engine RPM rpm 2,200 2,200 Emissions Level 3b/Tier 4 interim Level 3b/Tier 4 interim Traction drive 4WD, hydrostatic incl. ECO mode 4WD, hydrostatic incl. ECO mode Travel speed km/h 25 25 Articulation angle ° 29 29 Pendulum angle ° 11 11 Turning radius mm 6,550 6,000 Gradeability % 50 50 Tires 500/60-22.5 500/60-22.5 L x W x H mm 5,185 x 2,465 x 2,545 4,760 x 2,465 x 3,165 Steering pump Axial piston pump Axial piston pump Flow rate I/min 171 171 Operating pressure bar 235 235 Tank capacity I	Skip capacity heaped I	4,400	4,550	
Engine / Motor manufacturer Perkins Perkins Engine / Motor type 854E 854E Engine / Motor water-cooled 4-cylinder turbo-diesel incl. intercooler Engine performance according to ISO 3046/1 kW 55 55 Displacement cm³ 3,400 3,400 Engine RPM rpm 2,200 2,200 Emissions Level 3b/Tier 4 interim Level 3b/Tier 4 interim Traction drive 4WD, hydrostatic incl. ECO mode 4WD, hydrostatic incl. ECO mode Travel speed km/h 25 25 Articulation angle ° 29 29 Pendulum angle ° 11 11 Turning radius mm 6,550 6,000 Gradeability % 50 50 Tires 500/60-22.5 500/60-22.5 L x W x H mm 5,185 x 2,465 x 2,545 4,760 x 2,465 x 3,165 Steering pump Axial piston pump Axial piston pump Flow rate I/min 171 171 Operating pressure bar 235 235 Tank capacity I 83 83 <td>Skip capacity water volume I</td> <td>2,060</td> <td colspan="2">2,400</td>	Skip capacity water volume I	2,060	2,400	
Engine / Motor type 854E 854E Engine / Motor water-cooled 4-cylinder turbo-diesel incl. intercooler water-cooled 4-cylinder turbo-diesel incl. intercooler Engine performance according to ISO 3046/1 kW 55 55 Displacement cm³ 3,400 3,400 Engine RPM rpm 2,200 2,200 Emissions Level 3b/Tier 4 interim Level 3b/Tier 4 interim Traction drive 4WD, hydrostatic incl. ECO mode 4WD, hydrostatic incl. ECO mode Travel speed km/h 25 25 Articulation angle ° 29 29 Pendulum angle ° 11 11 Turning radius mm 6,550 6,000 Gradeability % 50 50 Tires 500/60-22.5 500/60-22.5 L x W x H mm 5,185 x 2,465 x 2,545 4,760 x 2,465 x 3,165 Steering pump Axial piston pump Axial piston pump Flow rate I/min 171 171 Operating pressure bar 235 235 Tank capacity I 83 83	Engine / Motor			
Engine / Motor water-cooled 4-cylinder turbo-diesel incl. intercooler water-cooled 4-cylinder turbo-diesel incl. intercooler Engine performance according to ISO 3046/1 kW 55 55 Displacement cm³ 3,400 3,400 Engine RPM rpm 2,200 2,200 Emissions Level 3b/Tier 4 interim Level 3b/Tier 4 interim Traction drive 4WD, hydrostatic incl. ECO mode 4WD, hydrostatic incl. ECO mode Travel speed km/h 25 25 Articulation angle ° 29 29 Pendulum angle ° 11 11 Turning radius mm 6,550 6,000 Gradeability % 50 50 Tires 500/60-22.5 500/60-22.5 L x W x H mm 5,185 x 2,465 x 2,545 4,760 x 2,465 x 3,165 Steering pump Axial piston pump Axial piston pump Flow rate I/min 171 171 Operating pressure bar 450 450 Duty pump Gear pump Gear pump Flow rate I/min 68 68 Operating pressure bar </td <td>Engine / Motor manufacturer</td> <td>Perkins</td> <td>Perkins</td>	Engine / Motor manufacturer	Perkins	Perkins	
Engine performance according to ISO 3046/1 kW 55 55 Displacement cm³ 3,400 3,400 Engine RPM rpm 2,200 2,200 Emissions Level 3b/Tier 4 interim Level 3b/Tier 4 interim Traction drive 4WD, hydrostatic incl. ECO mode 4WD, hydrostatic incl. ECO mode Travel speed km/h 25 25 Articulation angle ° 29 29 Pendulum angle ° 11 11 Turning radius mm 6,550 6,000 Gradeability % 50 50 Tires 500/60-22.5 500/60-22.5 L x W x H mm 5,185 x 2,465 x 2,545 4,760 x 2,465 x 3,165 Steering pump Axial piston pump Axial piston pump Flow rate I/min 171 171 Operating pressure bar 450 450 Duty pump Gear pump Gear pump Flow rate I/min 68 68 Operating pressure bar 235 235 Tank capacity I 83 83	Engine / Motor type	854E	854E	
Displacement cm3 3,400 3,400 3,400 Engine RPM rpm 2,200 2,200 2,200 Emissions Level 3b/Tier 4 interim Level 3b/Tier 4 interim Level 3b/Tier 4 interim Level 3b/Tier 4 interim Traction drive 4WD, hydrostatic incl. ECO mode 4WD, hydrostatic incl. ECO mode Travel speed km/h 25 25 25 25 25 25 25 2	Engine / Motor			
Engine RPM rpm 2,200 2,200 Emissions Level 3b/Tier 4 interim Level 3b/Tier 4 interim Traction drive 4WD, hydrostatic incl. ECO mode 4WD, hydrostatic incl. ECO mode Travel speed km/h 25 25 Articulation angle ° 29 29 Pendulum angle ° 11 11 Turning radius mm 6,550 6,000 Gradeability % 50 50 Tires 500/60-22.5 500/60-22.5 L x W x H mm 5,185 x 2,465 x 2,545 4,760 x 2,465 x 3,165 Steering pump Axial piston pump Flow rate I/min 171 171 Operating pressure bar 450 450 Duty pump Gear pump Gear pump Flow rate I/min 68 68 Operating pressure bar 235 235 Tank capacity I 83 83	Engine performance according to ISO 3046/1 kW	55	55	
Emissions Level 3b/Tier 4 interim Level 3b/Tier 4 interim Traction drive 4WD, hydrostatic incl. ECO mode 4WD, hydrostatic incl. ECO mode Travel speed km/h 25 25 Articulation angle ° 29 29 Pendulum angle ° 11 11 Turning radius mm 6,550 6,000 Gradeability % 50 50 Tires 500/60-22.5 500/60-22.5 L x W x H mm 5,185 x 2,465 x 2,545 4,760 x 2,465 x 3,165 Steering pump Axial piston pump Flow rate I/min 171 171 Operating pressure bar 450 450 Duty pump Gear pump Gear pump Flow rate I/min 68 68 Operating pressure bar 235 235 Tank capacity I 83 83	Displacement cm ³	3,400	3,400	
Traction drive 4WD, hydrostatic incl. ECO mode 4WD, hydrostatic incl. ECO mode Travel speed km/h 25 25 Articulation angle ° 29 29 Pendulum angle ° 11 11 Turning radius mm 6,550 6,000 Gradeability % 50 50 Tires 500/60-22.5 500/60-22.5 L x W x H mm 5,185 x 2,465 x 2,545 4,760 x 2,465 x 3,165 Steering pump Axial piston pump Flow rate I/min 171 171 Operating pressure bar 450 450 Duty pump Gear pump Gear pump Flow rate I/min 68 68 Operating pressure bar 235 235 Tank capacity I 83 83	Engine RPM rpm	2,200	2,200	
Travel speed km/h 25 25 Articulation angle ° 29 29 Pendulum angle ° 11 11 Turning radius mm 6,550 6,000 Gradeability % 50 50 Tires 500/60-22.5 500/60-22.5 L x W x H mm 5,185 x 2,465 x 2,545 4,760 x 2,465 x 3,165 Steering pump Axial piston pump Axial piston pump Flow rate I/min 171 171 Operating pressure bar 450 450 Duty pump Gear pump Gear pump Flow rate I/min 68 68 Operating pressure bar 235 235 Tank capacity I 83 83	Emissions	Level 3b/Tier 4 interim	Level 3b/Tier 4 interim	
Articulation angle ° 29 29 Pendulum angle ° 11 11 Turning radius mm 6,550 6,000 Gradeability % 50 50 Tires 500/60-22.5 500/60-22.5 L x W x H mm 5,185 x 2,465 x 2,545 4,760 x 2,465 x 3,165 Steering pump Axial piston pump Flow rate I/min 171 171 Operating pressure bar 450 450 Duty pump Gear pump Gear pump Flow rate I/min 68 68 Operating pressure bar 235 235 Tank capacity I 83 83	Traction drive	4WD, hydrostatic incl. ECO mode	4WD, hydrostatic incl. ECO mode	
Pendulum angle ° 11 11 Turning radius mm 6,550 6,000 Gradeability % 50 50 Tires 500/60-22.5 500/60-22.5 L x W x H mm 5,185 x 2,465 x 2,545 4,760 x 2,465 x 3,165 Steering pump Axial piston pump Axial piston pump Flow rate I/min 171 171 Operating pressure bar 450 450 Duty pump Gear pump Gear pump Flow rate I/min 68 68 Operating pressure bar 235 235 Tank capacity I 83 83	Travel speed km/h	25	25	
Turning radius mm 6,550 6,000 Gradeability % 50 50 Tires 500/60-22.5 500/60-22.5 L x W x H mm 5,185 x 2,465 x 2,545 4,760 x 2,465 x 3,165 Steering pump Axial piston pump Axial piston pump Flow rate I/min 171 171 Operating pressure bar 450 450 Duty pump Gear pump Gear pump Flow rate I/min 68 68 Operating pressure bar 235 235 Tank capacity I 83 83	Articulation angle °	29	29	
Gradeability % 50 50 Tires 500/60-22.5 500/60-22.5 L x W x H mm 5,185 x 2,465 x 2,545 4,760 x 2,465 x 3,165 Steering pump Axial piston pump Flow rate I/min 171 171 Operating pressure bar 450 450 Duty pump Gear pump Gear pump Flow rate I/min 68 68 Operating pressure bar 235 235 Tank capacity I 83 83	Pendulum angle °	11	11	
Tires 500/60-22.5 500/60-22.5 L x W x H mm 5,185 x 2,465 x 2,545 4,760 x 2,465 x 3,165 Steering pump Axial piston pump Axial piston pump Flow rate I/min 171 171 Operating pressure bar 450 450 Duty pump Gear pump Gear pump Flow rate I/min 68 68 Operating pressure bar 235 235 Tank capacity I 83 83	Turning radius mm	6,550	6,000	
L x W x H mm 5,185 x 2,465 x 2,545 4,760 x 2,465 x 3,165 Steering pump Axial piston pump Axial piston pump Flow rate I/min 171 171 Operating pressure bar 450 450 Duty pump Gear pump Gear pump Flow rate I/min 68 68 Operating pressure bar 235 235 Tank capacity I 83 83	Gradeability %	50	50	
Steering pump Axial piston pump Axial piston pump Flow rate I/min 171 171 Operating pressure bar 450 450 Duty pump Gear pump Gear pump Flow rate I/min 68 68 Operating pressure bar 235 235 Tank capacity I 83 83	Tires	500/60-22.5	500/60-22.5	
Flow rate I/min 171 171 Operating pressure bar 450 450 Duty pump Gear pump Gear pump Flow rate I/min 68 68 Operating pressure bar 235 235 Tank capacity I 83 83	LxWxH mm	5,185 x 2,465 x 2,545	4,760 x 2,465 x 3,165	
Operating pressure bar 450 450 Duty pump Gear pump Gear pump Flow rate I/min 68 68 Operating pressure bar 235 235 Tank capacity I 83 83	Steering pump	Axial piston pump	Axial piston pump	
Duty pump Gear pump Gear pump Flow rate I/min 68 68 Operating pressure bar 235 235 Tank capacity I 83 83	Flow rate I/min	171	171	
Flow rate I/min 68 68 Operating pressure bar 235 235 Tank capacity I 83 83	Operating pressure bar	450	450	
Operating pressure bar 235 235 Tank capacity I 83 83	Duty pump	Gear pump	Gear pump	
Tank capacity I 83 83	Flow rate I/min	68	68	
	Operating pressure bar	235	235	
Hydraulic oil tank I 60 60	Tank capacity I	83	83	
	Hydraulic oil tank I	60	60	



Dimensions



	DW90 swivel tip skip	DW90 front tip skip
Overall width mm	2,465	2,465
Skip width mm	2,275	2,495
Skip height mm	2,305	2,250
Skip height tilted mm	3,865	2,755
Height ROPS mm	3,355	3,165
Height ROPS tilted mm	2,545	2,355
Height Cabine mm	3,245	3,055
Length mm	5,185	4,760
Wheelbase mm	2,700	2,700
Rear overhang mm	1,190	1,190
Ground clearance mm	406	406
	Skip width mm Skip height mm Skip height tilted mm Height ROPS mm Height ROPS tilted mm Height Cabine mm Length mm Wheelbase mm Rear overhang mm	Overall width mm 2,465 Skip width mm 2,275 Skip height mm 2,305 Skip height tilted mm 3,865 Height ROPS mm 3,355 Height ROPS tilted mm 2,545 Height Cabine mm 3,245 Length mm 5,185 Wheelbase mm 2,700 Rear overhang mm 1,190



Please note

that 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 stated power may vary due to specific operating conditions. Subject to alterations and errors excepted. Applicable also to illustrations.

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