

HPO Import & Export GmbH

Technical Data	2043 SH 2 WD	2050 SH 2 WD	2050 ASH 4 WD T	2073 SH 2 WD T	2073 ASJ 4 WD T	2085 ASH Turbo 4 WD
ENGINE						
Model	DS 308-46	DS 308-46	BT 308-44 T2	BT 408-48 T2	BT 408-45 TS	BT 408-59 T2
Max. Power	34,5 kW / 47 HP	34,5 kW / 47 HP	44 kW / 60 HP	55,2 kW / 75 HP	55,2 kW / 75 HP	59 kW / 80 HP
Max. rpm	2400	2400	2500	2500	2500	2500
Max. Torque	156 Nm / 1500 rpm	156 Nm / 1500 rpm	195 Nm / 1600 rpm	267 Nm / 160 rpm	267 Nm / 1600 rpm	287 Nm / 1600 rpm
Cylinders	3	3	3	4	4	4
Cyl. diameter / stroke	100/100	100/100	100/100	100/100	100/100	100/100
Displacement	2355 cm ³	2355 cm ³	2355 cm ³	3142 cm ³	3142 cm ³	3142 cm ³
Engine type	Four cycle, diesel engine with direct injection					
Oil filter	Pressurized, Cartridge type					
Air filter	Oil bath filter		Dry type, double element			
Fuel pump	Bosch VE Type star pump			Bosch VE Type star pump with LDA unit		
Battery	12 V 90 Ah single battery			12 V 105 Ah single battery		
Fuel tank	40 lt. Diesel Fuel			83 lt. Diesel Fuel		
DRIVE LINE						
Clutch	Dual clutch, dry type (P.T.O. Independent) 11 Inch					
Rear Axle	Hydraulic controlled Diff. Lock, planetary final drive					
Transmission	8 Forward 4 Reverse speed, synchronized		16 Forward / 8 Reverse speed with synchromesh			
Power take off	540 rpm direct engine drive hand operated		540 / 750 rpm two speed, direct engine drive hand operated clutch			
BRAKE						
Brake	Acting on rear axle, mechanically applied oil immersed type					
Parking Brake	Mechanically applied independent					
FRONT AXLE	Telescopic type axle with hydrostatic servostat steering system	Hydraulic controlled Diff Lock, hydrstatic servostat steering	Telescopic type with hydr. Servostat steering	Hydraulic controlled Diff Lock, hydrstatic servostat steering		
TYRE SIZES						
Front Tyres	6,00 x 16	6,50 x 16	260 x 70 R20	7,50 x 16 / 6,50 x 16	260x80R20 280x70R20	11,2 / 10 x 24
Rear Tyres	12,4 x 28	13,6 x 28 – 12,4 x 28	13,6 x 28	13,6x36 16,9x30	14,9x30 13,6x36	13,6x36 16,9x30

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			14,9x30	16,9x30	18,4x30
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HYDRAULIC						
Type	Mechanically operated hydraulic lift, position and float control					
Hydraulic pump	Gear					
Pump displacement	11 cm ³ / rev.			16 cm ³ / rev.		
Max. working press.	175 bar					
Lifting capacity	1500 kg (max)		2400 kg (max)		3000 kg (max)	
Linkage System	Three-point Linkage, Cat. II and Cat. I, screwed adj. Center arm, rear adj. Side arms					

DIMENSIONS (MM)						
Max. Length	3300	3460	3600	3860	4020	4020
Max. Width	1560	1800	1800	1800	1800	1800
Max. Height	2280 – 2550	2280 – 2550	2280	2415 – 2540	2415 – 2540	2415 – 2540
Wheel base	1910	1910	1995	2130	2215	2215
Track width	1250	1370	1370	1370	1370	1370
P.T.O Ground Clearance	480	180	180	607	607	607
Turning Radius W/O Braking	3540	3540	3540	3750	4615	4615
Front Axle ground clearance	390	390	260	410	390	390

WEIGHTS (kg)						
Ballast Front	128	144	144	200	200	200
Ballast Rear	200	194	194	206	206	206
Max. Front Axle Load	1260	1260	1780	1800	2000	2000
Max. Rear Axle Load	2340	2340	2490	2700	3110	3110
Max. Weight (Laden)	3600	3600	4270	4500	5110	5110