ZAHN R300 PLOW

DIMENSIONS

DIMENSIONS	U.S.	METRIC
Mobile length	70 in	1.78 m
Wheelbase	34.2 in	869 mm
Tractor back to rear axle	26.8 in	681 mm
Rear axle to attachment mounting	19.2 in	488 mm
Attachment mounting to front axle	15 in	381 mm
Mobile height	53.5 in	1.36 m
Ground clearance	5.3 in	135 mm
Platform height	10.7 in	272 mm
Width	36 in	914 mm
Angle of departure	25°	
Weight w/tires	1,290 lb	585 kg
Weight w/tracks	1,629 lb	738 kg
Mass	1,290 lb	585 kg
Vehicle clearance circle (SAE) wall to wall		
Right turn, 18 x 9.5-8 tires	11.3 ft	3.44 m
Left turn, 18 x 9.5-8 tires	10.5 ft	3.2 m
Right turn, tracks	15.8 ft	4.80 m
Left turn, tracks	16.7 ft	5.08 m

OPERATION

OPERATION	U.S.	METRIC
Ground drive speed, forward/reverse		
Low	3.5 mph	5.6 km/h
High	5 mph	8 km/h

HYDRAULIC SYSTEM

HYDRAULIC SYSTEM	U.S.	METRIC
Auxiliary: gear pump		
Flow rate	12 gpm	46 l/min
Pressure	3,000 psi	207 bar
Ground drive: hydrostat		
Flow rate	19.3 gpm	73 l/min
Pressure	3,500 psi	241 bar
Ground pressure		
18 x 9.5-8 tires	10 psi	.7 bar
20 x 10-8 tires	9 psi	.6 bar
Tracks, averaged	3.11 psi	.21 bar

POWER

POWER	U.S.	METRIC
Engine	Kohler® CH750S	
Fuel	Gasoline	
Cooling medium	Air	
Number of cylinders	2	
Displacement	45.6 in³	747 cm³
Bore	3.3 in	83 mm
Stroke	2.7 in	69 mm
Manufacturer's power rating	27 hp	20.1 kW
Rated speed	3,600 rpm	

POWER TRAIN

POWER TRAIN	
Parking brake	Mechanical, hand operated
Service brake	Ground drive speed/direction control brakes machine hydraulically when moved to neutral position

FLUID CAPACITIES

FLUID CAPACITIES	U.S.	METRIC
Fuel tank	9 gal	34.06 L
Engine oil, w/filter	2 qt	1.9 L
Hydraulic reservoir	7.7 gal	29.1 L
Total hydraulic system volume	8.5 gal	32.2 L

TIRES/PRESSURE

TIRES/PRESSURE	U.S.	METRIC
Urethane filled 18 x 9.5-8, 2 ply, bar lug	N/A	
Tire assembly mass	36 lb	16.33 kg
Urethane filled 20 x 10-8, ply, bar lug	N/A	
Tire assembly mass	49 lb	22.23 kg

BATTERY

BATTERY	
SAE reserve capacity rating	32 min
SAE cold crank rating @ 0°F (-18°C)	200 amps

Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.