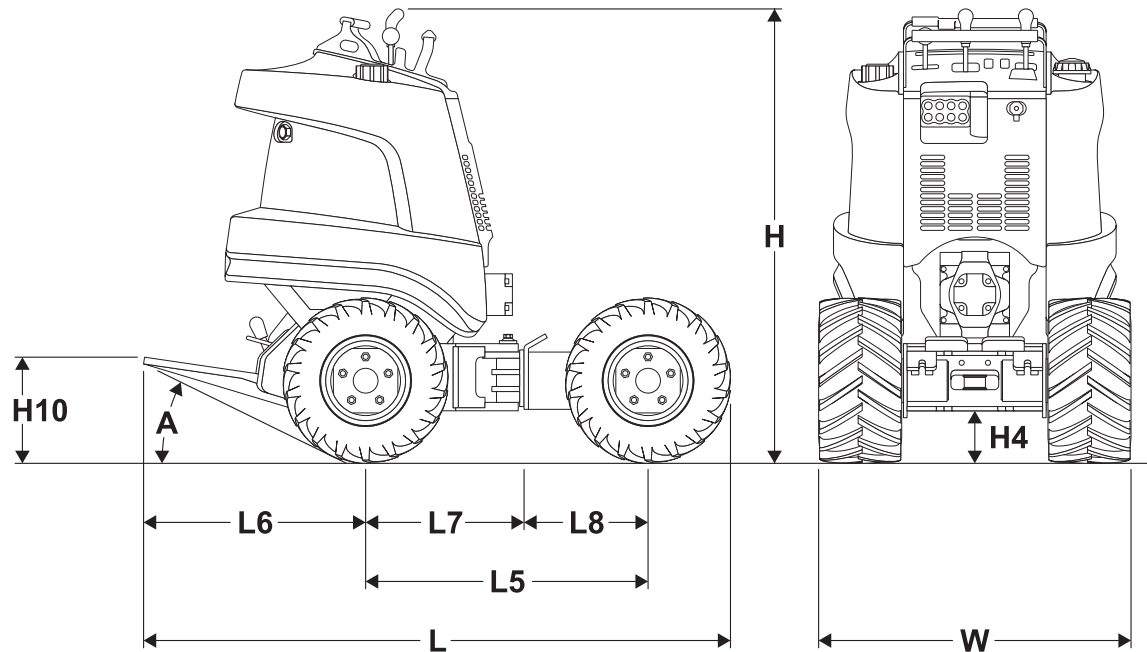


## R300 with InterChange Connection



t22om001a.ens

Dimensions		U.S.	Metric
L	Driving length	70 in	1.78 m
L5	Wheelbase	34.2 in	869 mm
L6	Tractor back to rear axle	26.8 in	681 mm
L7	Rear axle to front end mounting	19.2 in	488 mm
L8	Front end mounting to front axle	15 in	381 mm
H	Height	53.5 in	1.36 m
H4	Ground clearance	5.3 in	135 mm
H10	Platform height	10.7 in	272 mm
W	Width	36 in	914 mm
A	Angle of departure	25°	25°
	Mass	1290 lb	585 kg
Vehicle clearance circle (SAE) wall to wall			
	Right turn	11.3 ft	3.44 m
	Left turn	10.5 ft	3.2 m

Dimensions are based on unit equipped with urethane 18 X 9.5-8 tires unless otherwise specified.

<b>Operation (based on 18" tires)</b>		<b>U.S.</b>	<b>Metric</b>
Ground drive speed, forward			
	Low	3.5 mph	5.6 km/h
	High	5.0 mph	8.0 km/h
Ground drive speed, reverse			
	Low	3.5 mph	5.6 km/h
	High	5.0 mph	8.0 km/h
Ground pressure		10 psi	0.7 bar

<b>Power</b>	<b>U.S.</b>	<b>Metric</b>
Engine: Kohler CH750S, gasoline		
Cooling medium	air	
Number of cylinders	2	
Displacement	45.6 in <sup>3</sup>	747 cc
Bore	3.3 in	83 mm
Stroke	2.7 in	69 mm
Manufacturer's power rating	30 hp	22.4 kW
Rated speed	3600 rpm	3600 rpm

**Power Train**

**Parking brake:** mechanical, hand operated  
**Service brake:** ground drive speed/direction control brakes machine hydraulically when moved to neutral position

<b>Tires</b>		<b>U.S.</b>	<b>Metric</b>
18 X 9.5-8, 2 ply, bar lug			
	Pressure	12 psi	82.7 kpa
	Tire assembly mass	22 lb	9.98 kg
Urethane filled 18 X 9.5-8, 2 ply, bar lug			
	Pressure	n/a	n/a
	Tire assembly mass	36 lb	16.33 kg
Urethane filled 20 X 10-8, 4 ply, bar lug			
	Pressure	n/a	n/a
	Tire assembly mass	49 lb	22.23 kg
18 X 8.5-8, 2 ply, turf			
	Pressure	22 psi	151 kpa
	Tire assembly mass	20 lb	9.07 kg
<b>Hydraulic System</b>		<b>U.S.</b>	<b>Metric</b>
Auxiliary: gear pump			
	Flow rate	12 gpm	46 L/min
	Pressure	3000 psi	207 bar
Ground drive: hydrostat			
	Flow rate	19.3 gpm	73 L/min
	Pressure	3500 psi	241 bar

