

RT20 WALK-BEHIND TRENCHER

DIMENSIONS	U.S.	METRIC
Headshaft height	8.6 in	200 mm
Length, transport	84 in	2.1 m
Width, transport	33 in	840 mm
Height, transport	47 in	1.2 m
Centerline branch to outside edge machine		
Left	15 in	381 mm
Right	18 in	457 mm

POWER	U.S.	METRIC
Engine	Honda® GX630	
Fuel	Gasoline	
Cooling medium	Air	
Number of cylinders	2	
Manufacturer's net horsepower rating	20.8 hp	15.5 kW
Net torque @ 2,500 rpm	35.6 ft·lb	48.3 N·m
Rated speed	3,600 rpm*	
Fuel consumption @ 3,000 rpm	1.77 gph	6.7 lph

POWER TRAIN	U.S.	METRIC
Ground drive transmission	Hydrostatic, infinitely variable from zero to maximum, speed and direction controlled w/dual levers	
Digging chain drive	Hydraulic direct drive, lever operated, one speed forward and reverse	
Pump drive	Direct drive from engine	
Tires, drive	18 x 9.5 x 8 bar lug / 12 psi / 83 kPa	
Tires, trail	13 x 5 x 6	
Trencher drive		
Hydraulic	Direct drive	
Digging chain	33K and 35K	
Ground pressure	4.4 psi	

OPERATION	U.S.	METRIC
Vehicle speeds with tires, max		
Transit forward	243 fpm	74 m/min
Transit reverse	97 fpm	30 m/min
Vehicle speeds with track, max		
Transit forward	169 fpm	51 m/min
Transit reverse	68 fpm	21 m/min
Digging chain speed @ 3,600 rpm	420 fpm	12 m/min
Spoil handling		
Auger, type	Single, open end	
Auger, size	15 in OD x 1.5 in ID x 8.75 in long	381 mm OD x 40 mm ID x 222 mm long
Trench cleaner type	Mechanical	
Trench cleaner size	4-6 in	100-152 mm
Operating weight		
33,000-lb (1469-kg) test, 2-pitch digging chain and 24-in (610-mm) roller boom	1,120 lb	508 kg

**HYDRAULIC SYSTEM @
3,600 RPM****U.S.****METRIC**

Digging drive pump capacity	12 gpm	45 l/min
Ground drive dual hydrostat pump	11.4 gpm total	43 l/min
Filtration	Return flow, 10 micron nominal	

FLUID CAPACITIES**U.S.****METRIC**

Fuel	Gasoline	
Tank	3.5 gal	13 L
Engine oil	2.1 qt	2 L
Hydraulic reservoir	8 gal	30 L
Hydraulic system	8.5 gal	32 L

TRENCH SIZE, MAX**U.S.****METRIC**

Depth	36 in	914 mm
Width	4-6 in	112-152 mm

NOISE LEVEL**U.S.****METRIC**

Operator	93 dBA sound pressure per ISO 6394	
Exterior	102 dBA sound power per ISO 6393	

VIBRATION LEVEL**U.S.****METRIC**

Vibration at the operator's hand during normal operation is 5.82 m/s².

BATTERY**U.S.****METRIC**

Auxiliary power outlet 12V, top-post

SAE reserve capacity 41 min

SAE cold crank 340 amps

* Dimensions are based on narrow tread and 8-in (203-mm) pivot. 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.