

CX SERIES WALK-BEHIND TRENCHERS SPECIFICATIONS

	C16X	C24X	C30X
DIMENSIONS*			
Headshaft height	13.7 in (348 mm)	13.7 in (348 mm)	13.7 in (348 mm)
Length (up to)	94 in (2.4 m)	94 in (2.4 m)	101 in (2.6 m)
Width, transport	35.8 in (909 mm)	35.8 in (909 mm)	35.8 in (909 mm)
Height, transport (up to)	63 in (1.6 m)	63 in (1.6 m)	75 in (1.9 m)
Centerline trench to outside edge machine			
Left	17.2 in (437 mm)	17.2 in (437 mm)	17.2 in (437 mm)
Right	18.6 in (472 mm)	18.6 in (472 mm)	18.6 in (472 mm)
POWER			
Engine	Briggs & Stratton® Vanguard™ 16*	Honda® GX690**	Briggs & Stratton Vanguard 31*
Fuel	Gasoline	Gasoline	Gasoline
Cooling medium	Air	Air	Air
Number of cylinders	2	2	2
Manufacturer's net horsepower rating*	16 hp (11.9 kW)	22 hp (16.5 kW)	31 hp (23.1 kW)
Rated speed	3,600 rpm**	3,600 rpm*	3,600 rpm*
Fuel consumption @ rated power	1.33 gph (5 LPH)	1.77 gph (6.7 LPH)	2.49 gph (9.4 LPH)
POWER TRAIN			
Ground drive transmission: hydraulic, infinite variable from zero to maximum, speed and direction control			
Digging chain drive: hydraulic direct drive, one speed forward and reverse			
Pump drive: direct drive from engine			
Track width	8 in (200 mm)	8 in (200 mm)	8 in (200 mm)
Trencher drive			
Hydraulic	Direct drive	Direct drive	Direct drive
Digging chain	19K, 33K and 35K	19K, 33K and 35K	19K, 33K and 35K
Ground pressure	4.5 psi	4.5 psi	5 psi
OPERATION			
Vehicle speeds, max			
Transit forward	120 fpm (36.6 m/min)	176 fpm (53.6 m/min)	176 fpm (53.6 m/min)
Transit reverse	120 fpm (36.6 m/min)	136 fpm (41.5 m/min)	136 fpm (41.5 m/min)
Digging chain speed @ 3,600 rpm			
19K	366 fpm (111.56 m/min)	366 fpm (111.56 m/min)	366 fpm (111.56 m/min)
33/35K	309 fpm (94.2 m/min)	309 fpm (94.2 m/min)	309 fpm (94.2 m/min)
Spill handling			
Auger, type	Single, open end	Single, open end	Single, open end
Auger diameter	17 in (432 mm)	17 in (432 mm)	17 in (432 mm)
Trench cleaner type	Mechanical	Mechanical	Mechanical
Trench cleaner size	4-6 in (102-152 mm)	4-6 in (102-152 mm)	4-6 in (100-152 mm)
Operating weight (up to)	1,895 lb (860 kg)	1,915 lb (869 kg)	2,100 lb (453 kg)
HYDRAULIC SYSTEM @ 3,600 RPM			
Digging drive pump capacity	10 gpm (37.85 l/min)	10 gpm (37.85 l/min)	10 gpm (37.85 l/min)
Filtration	10 micron absolute	10 micron absolute	10 micron absolute
FLUID CAPACITIES			
Fuel tank	2.3 gal (6.5 L)	6.2 gal (23.5 L)	6.2 gal (23.5 L)
Engine oil	1.5 qt (1.46 L)	1.8 qt (1.7 L)	2.4 qt (2.27 L)
Hydraulic system	11 gal (42 L)	11 gal (42 L)	11 gal (42 L)
TRENCH SIZE, MAX			
Depth	36 in (914 mm)	36 in (914 mm)	48 in (1219 mm)
Width	6 in (152 mm)	6 in (152 mm)	6 in (152 mm)
NOISE LEVEL			
Ear sound pressure	87 dBA ISO 6394	91 dBA per ISO 6394	93 dBA per ISO 6394
Overall sound pressure	97 dBA per ISO 6393	100 dBA per ISO 6393	103 dBA per ISO 6393
VIBRATION LEVEL			
	Operators hand less than 2.5 m/s ²	Operators hand less than 2.5 m/s ²	Operators hand less than 2.5 m/s ²

* SAE J1940 Gross or Net. ** SAE J1349 Net. Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selective options, delivered equipment may not necessarily match that shown.

