

## Utilizes the Ditch Witch 35K digging system or the new exclusive 19K Opticut™ System. C24X features a low-maintenance, long lasting Honda® engine. C16X and C30X offers a reliable Briggs & Stratton engine. **c30**X Ditch The shorter left track design allows for Greaseless sealed bearing design with construction-grade seals help increase machine longevity. support stabilizes the headshaft and auger, for reliable productivity trench after trench. a more compact piece of equipment than competitive designs and more maneuverability in tighter spaces.

### THE NEXT EVOLUTION OF THE BEST WALK-BEHIND EVER IS HERE.

Maximize your performance and return on investment with the Ditch Witch® CX Series

Walk-Behind Trenchers. Our exclusive CX

Track design delivers better traction and maneuverability in a more compact design for tighter jobsites. Responsive, easy-to-use controls provide smoother operation and reduce operator fatigue. Plus, a simple, open design for easy access and no daily grease points means less maintenance time to keep your CX Series fleet rental-ready.

WE'RE IN THIS TOGETHER.



# Hydrostatic, skid-steer style steering provides easier operation. Ditch Witch Exclusive, patent-pending CX Track design puts more track on the ground for better traction while increasing

#### **OPTIONAL FEATURES**

#### BACKFILL BLADE

• Our easy-to-operate backfill blade is much faster and more reliable than shovels, increasing productivity and rental revenue.



#### ROTO WITCH®

• The Roto Witch boring attachment results in fewer disturbances, less labor, and less restoration than tearing up driveways and sidewalks to complete an installation.



#### **CX SERIES** WALK-BEHIND TRENCHERS SPECIFICATIONS

Headshift height   13.7 in (348 mm)   13.7 in (348 mm)   13.7 in (348 mm)   10 in (26 m)	DIMENSIONS*	C16X	C24X	C30X
Width Contagon   S.B. in 1909 mm)   S.B. in 1909 mm]   S.B. in 1909 mm)   S.B. in 1909 mm]   S.B. in 1909	Headshaft height	13.7 in (348 mm)	13.7 in (348 mm)	13.7 in (348 mm)
February   Large of the Design of Standard Process   Combination records consisting organization   1.2 or 19.57 mm²   1.2 or	Length (up to)	94 in (2.4 m)	94 in (2.4 m)	101 in (2.6 m)
Demandation for Institute Institut		35.8 in (909 mm)	35.8 in (909 mm)	35.8 in (909 mm)
Demandation for Institute Institut	Height, transport (up to)	63 in (1.6 m)	63 in (1.6 m)	75 in (1.9 m)
Left   1,2 in (437 mm)   1,2 in (437 mm)   1,2 in (437 mm)   1,2 in (437 mm)   1,3 in (477 mm)   1,3				
Fight   18.6 in 1472 mm   1		17.2 in (437 mm)	17.2 in (437 mm)	17.2 in (437 mm)
Property	Right		18.6 in (472 mm)	18.6 in (472 mm)
Fuel	POWER			
Decimal procession	Engine	Briggs & Stratton® Vanguard™ 16*	Honda® GX690**	Briggs & Stratton Vanguard 31*
Number of cylindres	Fuel	Gasoline	Gasoline	Gasoline
Manufacturer's net horsepower rating*         16 hp (1.19 kW)         22 hp (1.6 kW)         33 hp (5.21 kW)           Rated speed         3,000 pm²*         3,600 pm²*         3,600 pm²*         3,600 pm²*           Fiel consumption of rated power         1.33 gph (51 LPH)         1.77 gph (6.7 LPH)         2.49 gph (9.4 LPH)           POPMER TRAIN         Format drive transmission hybraulic, Infinite variable from zero to maximum, speed and direction control by the control of the control o	Cooling medium	Air	Air	Air
Rates speed   3,600 rpm*   3,600 rpm*   3,600 rpm*   2,49 gbh (9.4 LPH)	Number of cylinders	2	2	2
Fuel consumption % rated power   3.3 gp in CHP)   1.77 gp in 6.7 LPH)   2.49 gp in 9.4 LPH)   Power RTAIN   Sound drive transmissions hydraulac, infinite variable from zero to maximum, speed and direction control beging chain drive hydraulac devict drive, one speed forward and reverse   Fuel public drive in the hydraulac direct drive in the maximum in the hydraulac direction in the hydraulac direction in the hydraulac direction in the hydraulac direction in the hydraulac   Sin (200 mm)   Sin (20	Manufacturer's net horsepower rating*	16 hp (11.9 kW)	22 hp (16.5 kW)	31 hp (23.1 kW)
Power Trans	Rated speed	3,600 rpm**	3,600 rpm*	3,600 rpm*
Power Trans	Fuel consumption @ rated power	1.33 gph (5 LPH)	1.77 gph (6.7 LPH)	2.49 gph (9.4 LPH)
Digging chain drive: hydraulic direct drive no engine   Purp drive: glocited drive from engine   Rack width   Rack widt	POWER TRAIN			
Pump drive: drive from engine   Track width   8 in (200 mm)   8 in (200 mm)   8 in (200 mm)   8 in (200 mm)   7 tencher drive   7 tenche	Ground drive transmission: hydraulic, Infinit	te variable from zero to maximum, speed and directio	n control	
Track width 8 in (200 mm) 8 in (200 mm) 8 in (200 mm) 8 in (200 mm) 1/1 frencher drive  Hydraulic Direct drive Direct drive Direct drive Direct drive Direct drive Direct drive  Hydraulic 1944, 394 and 354 1944, 395 and 355 1944, 394 and 356 1944, 395 and 356 1944 mm) 1958 1969 1978 397 and 356 1944 mm) 1978 1978 1978 1978 1978 1978 1978 1978	Digging chain drive: hydraulic direct drive, o	one speed forward and reverse		
Trench clearer type   Mechanical   17 in (432 mm)   18 in (100-152 mm)   19 in (100-15	Pump drive: direct drive from engine			
Hydraulic Direct drive Direct drive Direct drive Direct drive Digging chain 19K, 33K and 35K 19K 33K 35K 309 fpm (36.6 m/min) 136 fpm (41.5 m/min) 136 fpm (41.5 m/min) 136 fpm (41.5 m/min) 309 fpm (34.2 m/min) 3	Track width	8 in (200 mm)	8 in (200 mm)	8 in (200 mm)
Digging chain   19K, 33K and 35K   19K, 33K and 35K   19K, 33K and 35K   19K   35K and 35K   19K and 35K and 35K and 35K   19K and 35K and 35K   19K and 35K and 35K and 35K   19K and 35K and 35K and 35K   19K and 35K and 35	Trencher drive			
### Paralle Sure   4.5 psi   4.5 psi   4.5 psi   5 psi   ### Paralle Forward   1.20 fpm (36.6 m/min)   176 fpm (53.6 m/min)   183 fpm (111.5 m/min)	Hydraulic	Direct drive	Direct drive	Direct drive
Vehicle speeds, max           Transit forward         120 fpm (36.6 m/min)         176 fpm (53.6 m/min)         176 fpm (53.6 m/min)         136 fpm (41.5 m/min)         366 fpm (111 56 m/min)         369 fpm (94.2 m/min)         46 in (102-12	Digging chain	19K, 33K and 35K	19K, 33K and 35K	19K, 33K and 35K
Vehicle speeds, max	Ground pressure	4.5 psi	4.5 psi	5 psi
Transit forward 120 fpm (36.6 m/min) 176 fpm (53.6 m/min) 176 fpm (53.6 m/min) 136 fpm (41.5 m/min) 19K 36.6 fpm (111.56 m/min) 366 fpm (111.56 m/min) 366 fpm (111.56 m/min) 367 fpm (94.2 m/min) 309 fpm (94.2 m/min) 17 in (432 mm) 17 in (432	OPERATION			
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)   33/35K   309 fpm (94.2 m/min)   309 fpm (94.2 m/min)   33/35K   309 fpm (94.2 m/min)   31 fin (432 mm)   17 in (432 mm)   31 in (432 mm)   17 in (432 mm)   17 in (432 mm)   31 in (432 mm)   46 in (100-152 mm)   32 in (100-152 mm)   46 in (100-152 mm)   32 in (100-152 mm)   46 in (100-152 mm)   33 in (100 fpm (37.85 l/min)   30 gpm (37.85 l/min)   30 gpm (37.85 l/min)   33 in (37.85 l/min)   30 gpm (37.85 l/min)   30 gpm (37.85 l/min)   34 in (37.85 l/min)   30 gpm (37.85 l/min)   30 gpm (37.85 l/min)   34 in (37.85 l/min)   30 gpm (37.85 l/min)   30 gpm (37.85 l/min)   34 in (37.85 l/min)   30 gpm (37.85 l/min)   30 gpm (37.85 l/min)   34 in (37.85 l/min)   30 gpm (37.85 l/min)   30 gpm (37.85 l/min)   35 in (37.85 l/min)   30 gpm (37.85 l/min)   30 gpm (37.85 l/min)   35 in (37.85 l/min)   30 gpm (37.85 l/min)   30 gpm (37.85 l/min)   35 in (37.85 l/min)   30 gpm (37.85 l/min)   30 gpm (37.85 l/min)   30 gpm (37.85 l/min)   36 in (38 in (31.85 l/min)   30 gpm (37.85 l/min)   30 gpm (37.85 l/min)   30 gpm (37.85 l/min)   37 in (432 mm)   30 gpm (37.85 l/min)	Vehicle speeds, max			
Digging chain speed ● 3,600 rpm         366 fpm (111,56 m/min)         366 fpm (111 56 m/min)         30 fpm (94.2 m/min)         31 fpm (43.2 mm)         17 in (432 mm)         17 in (432 mm)         41 fpm (94.2 m/min)         46 in (102-152 mm)         47 in (102-152 mm)         47 in (102-152 mm)         47 in (102-152 mm)         47 in (102-152 mm)         48 in (102-152 mm)         48 in (102-152 mm)         48 in (102-152 mm)         48 in (122 mm)         48 in (122 mm)         48 in (122 mm)	Transit forward	120 fpm (36.6 m/min)	176 fpm (53.6 m/min)	176 fpm (53.6 m/min)
19K 366 fpm (111.56 m/min) 366 fpm (111.56 m/min) 366 fpm (111.56 m/min) 309 fpm (94.2 m/min) 360 fpm (94.2 m/min) 366 fpm (111.56 m/min) 366 fpm (94.2 m/min) 366 fpm	Transit reverse	120 fpm (36.6 m/min)	136 fpm (41.5 m/min)	136 fpm (41.5 m/min)
33/35K   309 fpm (94.2 m/min)   309 fpm (94				
Spoil handling         Auger, type         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)           Filutio CaPACITIES         10 micron absolute         10 micron absolute         10 micron absolute           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)           NOISE LEVEL         87 dBA ISO 6394         91 dBA per ISO 6394	19K	366 fpm (111.56 m/min)	366 fpm (111 56 m/min)	366 fpm (111 56 m/min)
Auger, type Single, open end Single, open end Single, open end Single, open end Auger, diameter 17 in (432 mm) 18 in (100-152 mm) 18 in (		309 fpm (94.2 m/min)	309 fpm (94.2 m/min)	309 fpm (94.2 m/min)
Auger, diameter 17 in (432 mm) 18 chanical Mechanical Mechanical Mechanical Mechanical Mechanical Mechanical Mechanical (100-152 mm) 4-6 in (100-152 mm) 10 gpm (37.85 l/min) 10 gpm (37.85 l/mi	Spoil handling			
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)           Fillib 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	Auger, type	Single, open end	Single, open end	Single, open end
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) 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.	Auger, diameter	17 in (432 mm)	17 in (432 mm)	17 in (432 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)         TRENCH SIZE, MAX       92 db (152 mm)       48 in (1219 mm)         Width       6 in (152 mm)       6 in (152 mm)       6 in (152 mm)         NOISE LEVEL       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	Trench cleaner type	Mechanical	Mechanical	Mechanical
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) 10 micron absolute 10 mi	Trench cleaner size	4-6 in (102-152 mm)		4-6 in (100-152 mm)
Digging drive pump capacity       10 gpm (37.85 l/min)       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)       6.2 gal (23.5 L)       2.4 qt (2.27 L)       11 gal (42 L)       11	Operating weight (up to)	1,895 lb (860 kg)	1,915 lb (869 kg)	2,100 lb (453 kg)
Filtration 10 micron absolute 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	HYDRAULIC SYSTEM @ 3,600 RPM			
FLUID CAPACITIES  Fuel tank 2.3 gal (6.5 L) 6.2 gal (23.5 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)  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)  NOISE LEVEL  Ear sound pressure 87 dBA ISO 6394 91 dBA per ISO 6394  Overall sound pressure 97 dBA per ISO 6393 100 dBA per ISO 6393  VIBRATION LEVEL				
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)         TERNCH SIZE, MAX         Depth       36 in (914 mm)       36 in (914 mm)       48 in (1219 mm)         Width       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		10 micron absolute	10 micron absolute	10 micron absolute
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 Overall sound pressure 97 dBA per ISO 6393 100 dBA per ISO 6393  VIBRATION LEVEL				
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  Overall sound pressure 97 dBA per ISO 6393 100 dBA per ISO 6393  VIBRATION LEVEL				
TRENCH SIZE, MAX         Depth       36 in (914 mm)       48 in (1219 mm)         Width       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				·
Depth       36 in (914 mm)       48 in (1219 mm)         Width       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	-	11 gal (42 L)	11 gal (42 L)	11 gal (42 L)
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		26 :- (014)	26 in (014)	40 := (1010 ·····)
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         100 dBA per ISO 6393         100 dBA per ISO 6393         100 dBA per ISO 6393				
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		6 in (152 mm)	6 in (152 mm)	6 in (152 mm)
Overall sound pressure 97 dBA per ISO 6393 100 dBA per ISO 6393 103 dBA per ISO 6393  VIBRATION LEVEL		97 ADA ICO 6204	01 dDA nov ICO 6304	02 dBA nov ISO 6304
VIBRATION LEVEL	•			
		97 aba per 150 6393	100 GRA bel 120 0333	102 GRV bel 120 0333
Operators nano less than 2.5 m/s <sup>2</sup> Operators nano less than 2.5 m/s <sup>2</sup> Operators nano less than 2.5 m/s <sup>2</sup>	VIDRATIUN LEVEL	Operators hand less than 2 E m/s2	Operators hand less than 2.5 m/s?	Operators hand less than 2.5 m/s <sup>2</sup>
		Operators manu less than 2.3 m/s-	Operators hand less than 2.3 m/s	Operators fiand less than 2.3 m/s

\* 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 selected options, delivered equipment may not necessarily match that shown.





#### WALK-BEHIND TRENCHER PARTS, ACCESSORIES AND SUPPORT:



#### **TRAILER**

Featuring a durable, high-strength axle and a steel deck, the Ditch Witch® S2B single-axle trailer is designed specifically for our walk-behind trenchers. Standard features include ramps for easy loading and unloading, tie-down points, tongue safety chain, and a complete lighting system.



#### **DEALER SERVICE AND SUPPORT**

Whether it's new or used equipment, parts, service, financing, or all of the above, your Ditch Witch dealer is prepared to offer you the best of everything. Ditch Witch dealers are chosen for their commitment to the underground construction profession, and they are thoroughly trained to represent the highest standards in the industry.



#### **GENUINE DITCH WITCH PARTS**

Your Ditch Witch dealer is your single source for all of the parts you need, including superior-quality digging systems. Ditch Witch chain, specially manufactured headshaft sprockets and digging teeth are designed to work together as a system to provide unparalleled trenching performance.

