



DITCH WITCH XT1600, XT855

EXCAVATOR-TOOL CARRIERS



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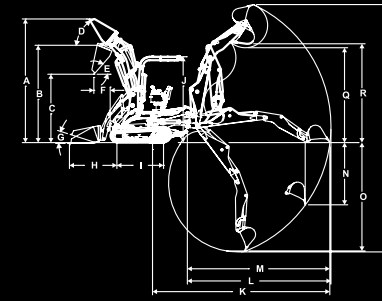
MACHINES OVER MATTER.



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DITCH WITCH XT1600

Combining unprecedented power, productivity, and versatility, the XT1600 excavator-tool carrier is an exceptionally efficient and cost-effective machine that can do the work of several machines. With its 57-hp (42.5 kW) diesel engine and 30 net hp (22.3 kW) to the attachment, the XT1600 can run most full-size skid steer attachments and perform a tremendous range of landscaping, utility installation, roadwork, materials handling, and demolition tasks.



SPECIFICATIONS

DIMENSIONS	U.S.	METRIC
Length	179 in	4.55 m
Height	107 in	2.72 m
Width	69 in	1.75 m



KEY FEATURES

- One machine with multiple capabilities can reduce monthly maintenance, fuel, labor, and transport expenses.
- (Photograph A) 260° excavator sweep enables the operator to offset dig and dig multiple trenches in tight spaces without moving the unit.
- Innovative equalizer track system with pivoting rollers keeps more track on the surface, increasing machine stability, reducing operator fatigue, and improving productivity.
- Stabilizers on the excavator end, an exclusive Ditch Witch® feature, provide additional machine stability in difficult digging conditions.
- Roomy operator's station provides exceptional visibility around the perimeter of the machine.
- (Photograph B) With 30 net hp (22.3 kW) to the attachment, the XT1600 can run most full-size skid steer attachments and perform a variety of landscaping, utility installation, roadwork, materials handling, and demolition tasks.
- Relatively small footprint gives the XT1600 outstanding jobsite access and maneuverability.
- Overall package weight (9500 lb/4309 kg) allows a variety of trailer and towing options.

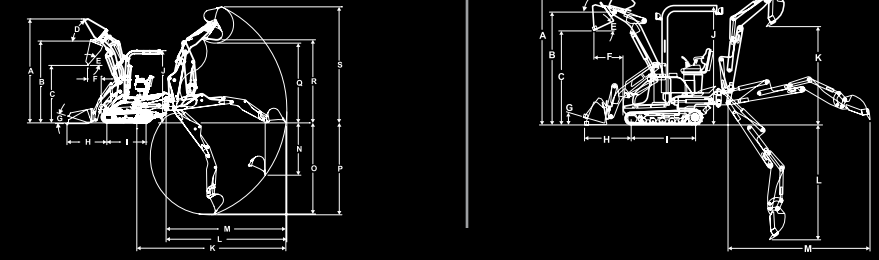
DITCH WITCH XT855

With the incredibly versatile and agile XT855 excavator-tool carrier, you can dig around corners, offset dig along fences and buildings, and deposit spoils anywhere within its unbeatable 260° swing arc. Turn it around and it's ready to trench, lift, break, move, or restore just about anything on your jobsite with any of its 70 quick-attach compact utility attachments. And at just 50 inches (1.3 m) wide, it's a machine you can take virtually anywhere and still expect big-time production.



KEY FEATURES

- Because it's both an excavator and a tool carrier, the XT855 is uniquely equipped to do the *whole* job with one truck, one trailer, and a small crew, which can reduce monthly maintenance, fuel, labor and transport expenses.
- Dual-pivot excavator system with a 260° excavator sweep provides unparalleled offset digging capability; operator can dig against a footing or wall and dig a number of trenches from one place.
- Optional extension legs provide additional leveling in difficult digging conditions, improving productivity.
- (Photograph A) Quick-connect attachment plate accepts more than 70 Ditch Witch® compact utility attachments.
- (Photograph B) With just two joysticks and a seat that swivels 180°, the operator's station is built for comfort and maximum visibility of the work in progress.
- With a turbocharged, 30-hp (22.4 kW) engine and 18 hp (13.4 kW) to the attachment, the XT855 has the power to get the job done and get on to the next.
- Choice of turf-friendly or aggressive tracks, depending on jobsite conditions.
- Zero-radius turning enables the XT855 to fit into tight spots with ease.
- The Ditch Witch organization supports all of our products—including the XT855—with superior-quality parts, service, and training, all available exclusively from your Ditch Witch dealer.



SPECIFICATIONS

XT1600

XT855

	U.S.	METRIC	U.S.	METRIC
TOOL CARRIER DIMENSIONS				
A OPERATING HEIGHT, W/ STANDARD BUCKET, MAX.	155 IN	3.94 M	104 IN	2.64 M
B HINGE PIN HEIGHT, MAX.	121 IN	3.07 M	83 IN	2.1 M
C DUMP HEIGHT, W/ STANDARD BUCKET, MAX.	85 IN	2.16 M	69 IN	1.75 M
D BUCKET ROLLBACK ANGLE, TOP, STANDARD BUCKET	60°		115°	
E DUMP ANGLE, TOP, STANDARD BUCKET	50°		25°	
F REACH, W/ STANDARD BUCKET, FULLY RAISED	20 IN	508 MM	21 IN	533 MM
G BUCKET ROLLBACK ANGLE, GROUND LEVEL	23°		16°	
H REACH AT GRADE, STANDARD BUCKET	61 IN	1.55 M	34 IN	864 MM
I WHEELBASE/TRACK LENGTH	58 IN	1.47 M	46 IN	1.17 M
J OVERALL HEIGHT	107 IN	2.72 M	89 IN	2.26 M
BUCKET WIDTH, MAX.	73 IN	1.85 M	52 IN	1.32 M
WIDTH	69 IN	1.75 M	50 IN	1.27 M
OVERALL LENGTH, EXCAVATOR STOWED	179 IN	4.55 M	120 IN	3.05 M
WEIGHT	9420 LB	4273 KG	4440 LB	2014 KG
EXCAVATOR DIMENSIONS				
LOADING HEIGHT, MAX.	122 IN	3.1 M	72 IN	1.82 M
DIG DEPTH, MAX.	134 IN	3.4 M	83 IN	2.11 M
DIG DEPTH, 2 FT (0.6 M) FLAT BOTTOM	133 IN	3.38 M	N/A	
REACH FROM SWING POST, MAX.	177 IN	4.5 M	103 IN	2.62 M
SWING ANGLE FROM CENTER	130°		130°	
TOTAL SWING ANGLE	260°		260°	
PERFORMANCE				
GROUND DRIVE SPEED				
FORWARD	3.5/6.8 MPH	5.6/10.9 KM/H	4.2 MPH	6.8 KM/H
REVERSE	3.5/6.8 MPH	5.6/10.9 KM/H	4.2 MPH	6.8 KM/H
GROUND PRESSURE				
	5.8 PSI	0.4 BAR	4.5 PSI	0.31 BAR
ANGLE OF DEPARTURE				
	20°		30°	
TIPPING CAPACITY				
	4600 LB	2087 KG	2715 LB	1232 KG
RATED OPERATING CAPACITY (AT 35% OF TIPPING CAPACITY)				
	1600 LB	726 KG	950 LB	431 KG
DRAWBAR PULL				
	8800 LB	39.1 KN	2980 LB	1352 KG
HYDRAULIC SYSTEM				
AUXILIARY				
FLOW RATE	15/26 GPM	56.8/98.4 L/MIN	7/15 GPM	26.4/56.8 L/MIN
PRESSURE	3000 PSI	206.8 BAR	3100 PSI	214 BAR
GROUND DRIVE				
FLOW RATE	27 GPM	102.2 L/MIN	13 GPM	49.2 L/MIN
PRESSURE	4400 PSI	303.4 BAR	3625 PSI	250 BAR
POWER				
ENGINE	KUBOTA V2003-M-DI-TE2B		KUBOTA D1105-T-E3B	
FUEL	DIESEL		DIESEL	
COOLING MEDIUM	LIQUID		LIQUID	
INJECTION	DIRECT		INDIRECT	
ASPIRATION	TURBOCHARGED		TURBOCHARGED	
NUMBER OF CYLINDERS	4		3	
DISPLACEMENT	112 IN³	2 L	68.53 IN³	1.1 L
BORE	3.27 IN	83 MM	3.07 IN	78 MM
STROKE	3.64 IN	92.4 MM	3.09 IN	78.5 MM
MANUFACTURER'S GROSS POWER RATING*	59 HP	44 KW	32.8 HP	24.4 KW
ESTIMATED NET POWER RATING**	57 HP	42.5 KW	29.5 HP	22 KW
RATED SPEED	2800 RPM		3000 RPM	
EMISSIONS COMPLIANCE	EPA TIER 2	EU STAGE II	EPA TIER 4I	EU STAGE IIIA
FLUID CAPACITIES				
FUEL TANK	20 GAL	75.7 L	10 GAL	37.8 L
HYDRAULIC RESERVOIR	16 GAL	60.6 L	7.5 GAL	28.4 L
BATTERY				
SAE RESERVE CAPACITY RATING	80 MIN		110 MIN	
SAE COLD CRANK RATING @ 0° F (-18° C)	800 AMPS		800 AMPS	
ELECTRICAL SYSTEM	12V		12V	

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. U.S. PATENT PENDING. *PER SAE J1349 **PER SAE J1995



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