



DITCH WITCH RT115, HT115, RT95, RT80

RT/HT TRACTORS

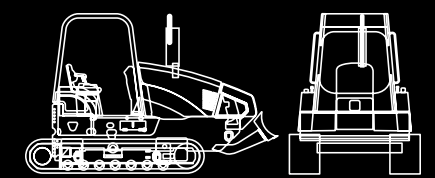
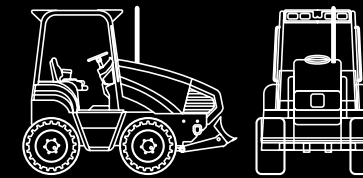


FEEL THE EARTH MOVE.



DITCH WITCH RT115, HT115 Heavy-Duty Tractors

You get plenty of choices with either the RT115 or HT115, and one common denominator: power. Both of these rugged machines are turbocharged with 115-horsepower (85.8 kW) John Deere engines and reliable hydrostatic transmissions to keep them running strong all day long. Work lights are among both machines' many options, so they can go all night, too.



A



B

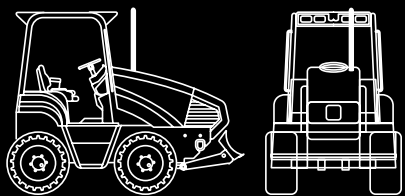


KEY FEATURES

- (Photograph A) Massive one-piece rigid frame design helps increase capacity and endurance; optional tilt frame configuration on the RT115 lets you dig a vertical trench on uneven ground.
- Large selection of hydrostatic attachments—plus a choice of two front-mount utility backhoes and a reel carrier—accelerate your productivity.
- Four-post Rollover Protective System (ROPS) includes a canopy; options include enclosed cab and climate control system (RT115 only) and work lights (both models).
- Standard four-wheel drive and optional four-wheel steering make the RT115 the ideal heavy-duty tractor for both paved and off-road work.
- Removable side panels provide easy access to service areas; engine service points are conveniently located on the left side, and the oil level can be checked without opening the engine enclosure.
- If you need extra pull, the RT115 Quad delivers—with heavy-duty quad tracks for maximum traction and stability.
- (Photograph B) The HT115 features AutoTrack (an easy-to-use track drive system) and can be equipped with rubber tracks for urban jobs or steel tracks for off-road applications.

DITCH WITCH RT95 Heavy-Duty Tractor

The Ditch Witch® RT95 has the power and maneuverability to help you accomplish any task. Aboard the RT95 you feel in total control because you are. Your control extends to your choice of transmission: hydrostatic, which offers infinitely variable speeds from zero to maximum forward; or powershift, which gives you “on-the-go” shifting and no clutching.



SPECIFICATIONS

DIMENSIONS	U.S.	METRIC
Length	148 in	3.76 m
Height	111 in	2.82 m
Width	82 in	2.08 m



KEY FEATURES

- (Photograph A) Solid backfill blade lift arms and cast blade pivot increase structural strength of the backfill components.
- (Photograph B) Planetary axles with locking differentials make maximum use of torque at the wheel and offer high ground clearance.
- Four-point tiedown system (one at each corner of the machine) allows for secure attachment to the trailer.
- Multiple attachment options: powershift model accepts a centerline or double-pivot trencher, front-mounted backhoe and reel carrier; hydrostatic model accepts a centerline and traversing trencher, vibratory plow, combination trencher/plow, saw, front-mounted backhoe and reel carrier.
- Molded hydraulic and fuel tanks make more efficient use of available space and are enclosed in a steel cradle.
- Ergonomically designed operator station includes a 90° swivel seat, adjustable armrests, easy-to-read gauge cluster, and tiltable steering column.
- Standard four-wheel drive helps provide superb traction and mobility in all kinds of jobsite conditions and applications.
- Optional cruise control system (with hydrostatic model only) automatically adjusts the ground speed to changing soil conditions.

DITCH WITCH RT80 Heavy-Duty Tractor

Tight spaces and tight deadlines—two of your biggest concerns, both addressed thoroughly by one extremely powerful, fast, and efficient trencher. The compact footprint and exceptional power of the RT80 help you dig trenches where large trenchers dare not go. After experiencing its tremendous power to the digging attachment, though, you won't restrict the RT80 to small jobsites.



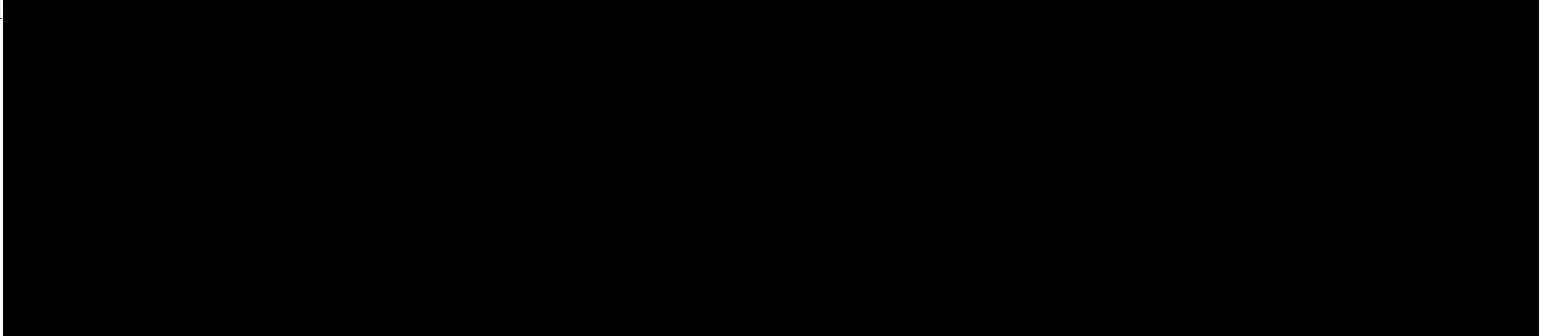
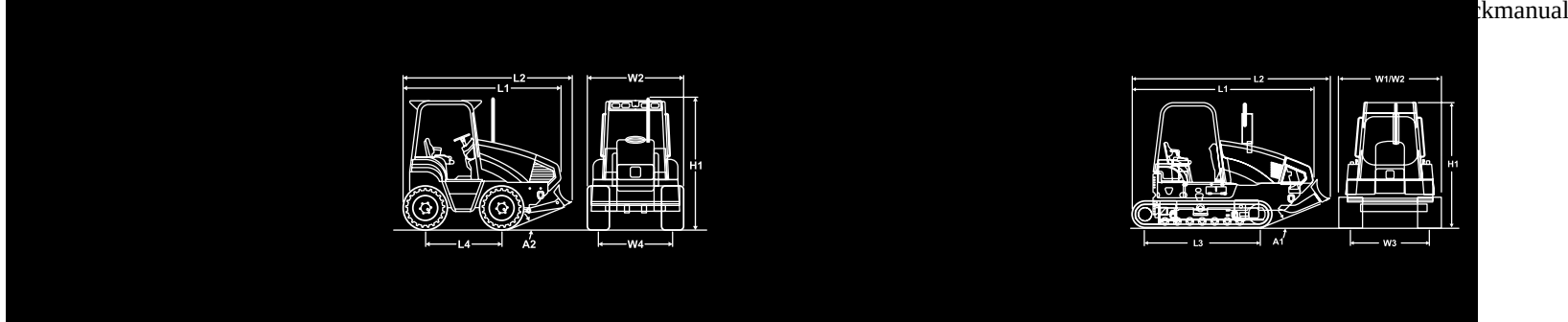
SPECIFICATIONS

DIMENSIONS	U.S.	METRIC
Length	129 in	3.28 m
Height	97 in	2.46 m
Width	76 in	1.93 m



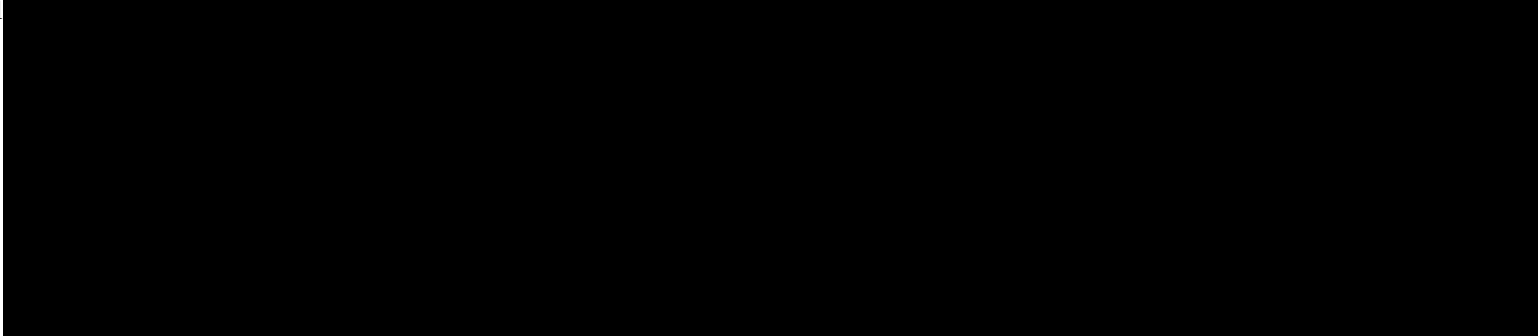
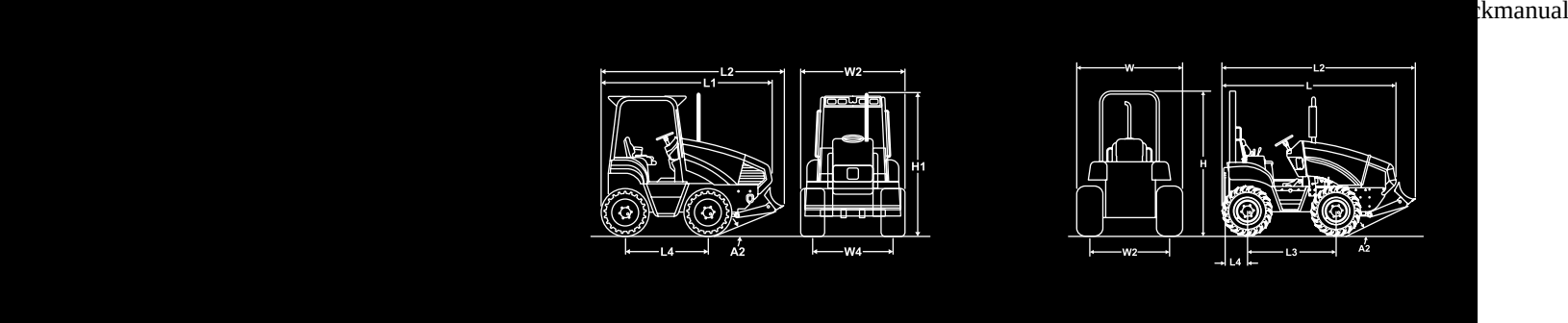
KEY FEATURES

- With the RT80's compact footprint and turbocharged, 83-gross-hp (62 kW) Deutz diesel engine, you can do big jobs in small places.
- *(Photograph A)* Four combinations of torque and speed provide the power you need, when you need it, to tackle a variety of terrain with the RT80's traversing trencher, saw or backhoe attachments.
- Standard cruise control enables you to maintain optimal digging performance regardless of ground conditions.
- Top speed of 9.9 mph (15.9 km/h) makes the RT80 the fastest trencher in its class, which saves you time getting on and off jobsites.
- Optional rear steering feature gives the RT80 a tighter turn radius and better maneuverability when you're on a tight jobsite.
- Fuel it and forget it: the RT80's 30-gallon (114-liter) fuel tank helps ensure that the RT80 runs for a long time without stopping.
- Advanced cooling system you can depend on to keep the engine running in top form throughout the workday.
- *(Photograph B)* Plenty of big-tractor operator station comforts like an easy-to-read gauge panel and a 90° swivel seat.
- Ditch Witch® trenchers, including the RT80, are the only trenchers in the world that come standard with genuine Ditch Witch chain, teeth, and sprockets; they dig harder and last longer than any other digging system on the market.



SPECIFICATIONS	RT115	RT115 QUAD	HT115
DIMENSIONS A2 ANGLE OF APPROACH H1 HEIGHT, TO HIGHEST POINT L1 LENGTH, NOSE TO REAR MOUNT L2 LENGTH, TRACTOR TRANSPORT L4 WHEELBASE W1 WIDTH (STEEL TRACKS) W2 WIDTH (RUBBER TRACKS/TIRES) W3 TRACK GAUGE W4 TREAD	U.S. 25° 111 IN 128 IN 148 IN 73 IN N/A 82 IN N/A 64 IN METRIC 2.82 M 3.25 M 3.76 M 1.85 M N/A 2.08 M N/A 1.63 M	U.S. 38° 117 IN 128 IN 158 IN 73 IN N/A 89 IN N/A 71 IN METRIC 2.97 M 3.25 M 4.01 M 1.85 M N/A 2.61 M N/A 1.8 M	U.S. 15° 102.5 IN 130 IN 139 IN N/A 84 IN 82 IN 65.3 IN N/A METRIC 2.6 M 3.3 M 3.53 M N/A 2.13 M 2.08 M 1.66 M N/A
OPERATION FORWARD SPEEDS LOW/LOW LOW/HIGH HIGH/LOW HIGH/HIGH REVERSE SPEEDS LOW/LOW LOW/HIGH HIGH/LOW HIGH/HIGH GROUND PRESSURE STEEL TRACKS RUBBER TRACKS VEHICLE CLEARANCE CIRCLE (SAE), WALL-TO-WALL, W/BACKFILL BLADE FRONT STEER ONLY COORDINATED STEER BASIC UNIT WEIGHT MAXIMUM ALLOWABLE TRACTOR WEIGHT FRONT COUNTERWEIGHT GROUND CLEARANCE	 0.6 MPH 1.2 MPH 4.2 MPH 9 MPH 0.3 MPH 0.7 MPH 2.8 MPH 6 MPH N/A N/A 31 FT 21 FT 7980 LB 18,100 LB 2100 LB 14 IN	 2.1 MPH N/A 4 MPH 7.2 MPH 1.2 MPH N/A 2.2 MPH 4.2 MPH N/A N/A 39.5 FT 27 FT 15,240 LB 22,800 LB 2100 LB 15.5 IN	 2.6 MPH N/A N/A 4.5 MPH 2.6 MPH N/A N/A 4.5 MPH 5.8 PSI 6.2 PSI 187 IN N/A 12,000 LB 22,000 LB 2100 LB 11.5 IN
BACKFILL BLADE BLADE WIDTH BLADE HEIGHT LIFT HEIGHT, ABOVE GROUND BLADE DROP, BELOW GROUND MAXIMUM SWING ANGLE, LEFT/RIGHT TILT ANGLE, UP/DOWN	 80 IN 17 IN 21 IN 11 IN 30° 24°	 80 IN 17 IN 23 IN 8 IN 30° 24°	 80 IN 17 IN 21 IN 11 IN 30° 24°
POWER ENGINE FUEL COOLING MEDIUM INJECTION ASPIRATION CYLINDERS DISPLACEMENT BORE STROKE MANUFACTURER'S GROSS POWER RATING* ESTIMATED NET POWER RATING** RATED SPEED ENGINE TILT ANGLES, MAXIMUM LONGITUDINAL LATERAL EMISSIONS COMPLIANCE	 JOHN DEERE 4045HF285 DIESEL LIQUID DIRECT TURBOCHARGED & CHARGE AIR COOLED 4 275 IN³ 4.19 IN 5 IN 115 HP 103 HP 2400 RPM 30° 30° EPA TIER 3 EU STAGE IIIA	 JOHN DEERE 4045HF285 DIESEL LIQUID DIRECT TURBOCHARGED & CHARGE AIR COOLED 4 275 IN³ 4.19 IN 5 IN 115 HP 103 HP 2400 RPM 30° 30° EPA TIER 3 EU STAGE IIIA	 JOHN DEERE 4045HF285 DIESEL LIQUID DIRECT TURBOCHARGED & CHARGE AIR COOLED 4 275 IN³ 4.19 IN 5 IN 115 HP 103 HP 2400 RPM 30° 30° EPA TIER 3 EU STAGE IIIA

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SPECIFICATIONS

RT95

	U.S.	METRIC
DIMENSIONS		
A² ANGLE OF APPROACH	25°	
H¹ HEIGHT	111 IN	2.82 M
L¹ LENGTH, NOSE TO REAR MOUNT	128 IN	3.25 M
L² LENGTH, TRANSPORT	148 IN	3.76 M
L⁴ WHEELBASE	73 IN	1.85 M
W² WIDTH	82 IN	2.08 M
W⁴ TREAD	64 IN	1.63 M
OPERATION		
WITH HYDROSTATIC TRANSMISSION		
FORWARD SPEEDS		
LOW/LOW	0.6 MPH	0.9 KM/H
LOW/HIGH	1.2 MPH	2 KM/H
HIGH/LOW	4.2 MPH	6.8 KM/H
HIGH/HIGH	9 MPH	14.5 KM/H
REVERSE SPEEDS		
LOW/LOW	0.3 MPH	0.5 KM/H
LOW/HIGH	0.7 MPH	1.1 KM/H
HIGH/LOW	2.8 MPH	4.5 KM/H
HIGH/HIGH	6 MPH	9.6 KM/H
WITH POWERSHIFT TRANSMISSION		
FORWARD SPEEDS		
LOW/LOW	0.4 MPH	0.7 KM/H
HIGH/LOW	6.2 MPH	9.9 KM/H
HIGH/HIGH	9.1 MPH	14.7 KM/H
REVERSE SPEEDS		
LOW/LOW	0.4 MPH	0.7 KM/H
HIGH/LOW	6.2 MPH	9.9 KM/H
HIGH/HIGH	9.1 MPH	14.7 KM/H
VEHICLE CLEARANCE CIRCLE (SAE),		
WALL-TO-WALL, W/BACKFILL BLADE		
FRONT STEER ONLY	31 FT	9 M
COORDINATED STEER	21 FT	6 M
BASIC UNIT WEIGHT	7980 LB	3620 KG
MAXIMUM ALLOWABLE TRACTOR WEIGHT	18,100 LB	8210 KG
FRONT COUNTERWEIGHT	2100 LB	950 KG
GROUND CLEARANCE	14 IN	355 MM
BACKFILL BLADE¹		
BLADE WIDTH	80 IN	2.03 M
BLADE HEIGHT	17 IN	430 MM
LIFT HEIGHT, ABOVE GROUND	21 IN	530 MM
BLADE DROP, BELOW GROUND	11 IN	280 MM
MAXIMUM SWING ANGLE, LEFT/RIGHT	30°	
TILT ANGLE, UP/DOWN	24°	

RT80†

	U.S.	METRIC
DIMENSIONS		
A² ANGLE OF APPROACH	22°	
H¹ HEIGHT	97 IN	2.46 M
L¹ LENGTH, NOSE TO REAR MOUNT	114 IN	2.9 M
L² LENGTH, TRANSPORT	129 IN	3.28 M
L⁴ WHEELBASE	60 IN	1.53 M
W² WIDTH	76 IN	1.93 M
W⁴ TREAD	58 IN	1.46 M
OPERATION		
WITH HYDROSTATIC TRANSMISSION		
FORWARD SPEEDS		
LOW/LOW	2.4 MPH	3.9 KM/H
LOW/HIGH	3.8 MPH	6.1 KM/H
HIGH/LOW	6.8 MPH	10.9 KM/H
HIGH/HIGH	10.5 MPH	16.9 KM/H
REVERSE SPEEDS		
LOW/LOW	1 MPH	1.6 KM/H
LOW/HIGH	1.6 MPH	2.6 KM/H
HIGH/LOW	3.1 MPH	5 KM/H
HIGH/HIGH	4.5 MPH	7.2 KM/H
WITH POWERSHIFT TRANSMISSION		
FORWARD SPEEDS		
LOW/LOW	N/A	
HIGH/LOW	N/A	
HIGH/HIGH	N/A	
REVERSE SPEEDS		
LOW/LOW	N/A	
HIGH/LOW	N/A	
HIGH/HIGH	N/A	
VEHICLE CLEARANCE CIRCLE (SAE),		
WALL-TO-WALL, W/BACKFILL BLADE		
FRONT STEER ONLY	33.5 FT	10.2 M
COORDINATED STEER	21.5 FT	6.5 M
BASIC UNIT WEIGHT	5880 LB	2667 KG
MAXIMUM ALLOWABLE TRACTOR WEIGHT	13,100 LB	5942 KG
FRONT COUNTERWEIGHT	1915 LB	870 KG
GROUND CLEARANCE	11.6 IN	294 MM
BACKFILL BLADE¹		
BLADE WIDTH	72 IN	1.83 M
BLADE HEIGHT	14 IN	355 MM
LIFT HEIGHT, ABOVE GROUND	19 IN	480 MM
BLADE DROP, BELOW GROUND	12 IN	305 MM
MAXIMUM SWING ANGLE, LEFT/RIGHT	30°	
TILT ANGLE, UP/DOWN	16°	

SPECIFICATIONS

	U.S.	METRIC
POWER		
ENGINE		
FUEL		
COOLING MEDIUM		
INJECTION		
ASPIRATION		
CYLINDERS		
DISPLACEMENT		
BORE		
STROKE		
MANUFACTURER'S GROSS POWER RATING*		
ESTIMATED NET POWER RATING**		
RATED SPEED		
EMISSIONS COMPLIANCE		
POWER TRAIN		
GROUND DRIVE TRANSMISSION		
ATTACHMENT DRIVE TRANSMISSION		
DIFFERENTIALS		
SERVICE BRAKE		
PARKING BRAKE		
TIRES/PRESSURE		
31 X 15.50-15, 8-PLY BAR LUG		
35 X 19.00-16.1, 12-PLY BAR LUG		
38 X 18.00-20, 14-PLY BAR LUG FLOTATION		
HYDRAULIC SYSTEM		
WITH HYDROSTATIC TRANSMISSION		
PUMP CAPACITY		
GROUND DRIVE		
ATTACHMENT		
AUXILIARY		
PUMP RELIEF PRESSURE		
GROUND DRIVE		
ATTACHMENT		
AUXILIARY		
WITH POWERSHIFT TRANSMISSION		
PUMP CAPACITY		
GROUND DRIVE		
AUXILIARY		
PUMP RELIEF PRESSURE		
GROUND DRIVE		
AUXILIARY		
FLUID CAPACITIES		
FUEL TANK		
ENGINE OIL, W/FILTER		
HYDRAULIC RESERVOIR		
HYDRAULIC SYSTEM		
COOLING SYSTEM		
TRANSMISSION FLUID (POWERSHIFT ONLY)		
BATTERY		
GROUP		
SAE RESERVE CAPACITY		
SAE COLD CRANK RATING @ 0° F (-18° C)		
AUXILIARY POWER OUTLET		

RT95

	U.S.	METRIC
POWER		
ENGINE		
JOHN DEERE 4045HF280		
DIESEL		
LIQUID		
DIRECT		
TURBOCHARGED & CHARGE AIR COOLED		
4		
275 IN³	4.5 L	
4.19 IN	106 MM	
5 IN	127 MM	
99 HP	74 KW	
88 HP	66 KW	
2400 RPM		
EPA TIER 3	EU STAGE IIIA	
HYDROSTATIC OR POWERSHIFT		
HYDROSTATIC, LEVER-OPERATED, SPEED INFINITELY		
VARIABLE FROM ZERO TO MAXIMUM, POWERSHIFT		
WITH LIMITED STROKE REVERSE.		
PLANETARY FRONT AND REAR WITH OPTIONAL		
REAR STEERING		
DISC, FOOT-OPERATED		
DISC, HAND-OPERATED		
N/A		
N/A		
72 PSI	3.1 BAR	
@2400 RPM		
29.2 GPM	110.5 L/MIN	
48 GPM	182 L/MIN	
12.5 GPM	47.3 L/MIN	
5000 PSI	345 BAR	
6090 PSI	420 BAR	
2500 PSI	172 BAR	
9.1 GPM	34 L/MIN	
12.5 GPM	47 L/MIN	
4000 PSI	276 BAR	
2500 PSI	172 BAR	
38 GAL	144 L	
16 QT	15 L	
24 GAL	91 L	
29 GAL	110 L	
17 QT	16 L	
9.5 QT	10.5 L	
34H		
110 MIN		
800 AMPS		
12V, 10 AMPS		

RT80

	U.S.	METRIC
POWER		
ENGINE		
DEUTZ TD2011L04W		
DIESEL		
LIQUID		
DIRECT		
TURBOCHARGED		
4		
221 IN³	3.62 L	
3.78 IN	96 MM	
4.92 IN	125 MM	
83 HP	62 KW	
78 HP	58.2 KW	
2600 RPM		
EPA TIER 3	EU STAGE IIIA	
HYDROSTATIC		
HYDROSTATIC, ELECTRIC LEVER-OPERATED SPEED,		
INFINITELY VARIABLE FROM ZERO TO MAXIMUM		
PLANETARY FRONT AND REAR WITH OPTIONAL		
REAR STEERING		
N/A		
MANUAL LEVER DRUM BRAKE		
40 PSI	2.8 BAR	
55 PSI	3.8 BAR	
N/A		
@2600 RPM		
31 GPM	117 L/MIN	
31 GPM	117 L/MIN	
14 GPM	53 L/MIN	
5500 PSI	380 BAR	
5500 PSI	380 BAR	
3000 PSI	207 BAR	
N/A		
N/A		
N/A		
N/A		
30 GAL	114 L	
16 QT	15 L	
12 GAL	45 L	
20 GAL	76 L	
17 QT	16 L	
N/A		
75U		
110 MIN		
800 AMPS		
12V, 10 AMPS		

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RT115, HT115, RT95, RT80

ATTACHMENTS LEGEND

RT115 Attachment

HT115 Attachment

RT95 Attachment

RT80 Attachment

A523 BACKHOE		
DIMENSIONS	U.S.	METRIC
TRANSPORT HEIGHT	108.5 IN	2.8 M
GROUND CLEARANCE	31.6 IN	803 MM
BACKHOE LENGTH, STOWED	57.2 IN	1.5 M
DIGGING DEPTH, MAXIMUM	94.5 IN	2.4 M
DIGGING DEPTH, 2 FT (0.6 M) FLAT BOTTOM	93.2 IN	2.4 M
OPERATING HEIGHT, FULLY RAISED	147.2 IN	3.8 M
LOADING HEIGHT	89.2 IN	2.3 M
LOADING REACH	56.1 IN	1.4 M
REACH FROM SWING PIVOT	142.2 IN	3.6 M
SWING PIVOT TO CENTERLINE	42.3 IN	1.1 M
BUCKET ROTATION	150°	
STABILIZER SPREAD, TRANSPORT	67.6 IN	1.7 M
ATTACHMENT WIDTH	120 IN	3.1 M
STABILIZER SPREAD, OPERATING	108.7 IN	2.8 M
LEVELING ANGLE	11°	
GENERAL		
BUCKET		
WIDTH	12-18 IN	305-460 MM
CAPACITY	1.7-2.6 FT³	50-70 MM³
WEIGHT WITH 12-IN BUCKET	2150 LB	975 KG
LIFT CAPACITY, BOOM OVER END		
AND SWING ARC, SAE		
@ 48 IN (1220 MM)	1140 LB	517 KG
@ GROUND LEVEL	1080 LB	490 KG
@ 72 IN (1840 MM)	1090 LB	494 KG
LIFT CAPACITY, DIPPERSTICK OVER END		
AND SWING ARC, SAE		
@ 53 IN (1.4 M)	1749 LB	793 KG
@ 72 IN (1.8 M)	2020 LB	916 KG
SWING ARC	170°	
DIGGING FORCE		
USING BUCKET CYLINDER	6500	28 910 N
USING DIPPERSTICK CYLINDER	3600	16 010 N

A720 BACKHOE		
DIMENSIONS	U.S.	METRIC
TRANSPORT HEIGHT	111 IN	2.82 MM
GROUND CLEARANCE	27 IN	690 MM
DIGGING DEPTH, MAXIMUM	92 IN	2.31 M
REACH FROM SWING PIVOT	143 IN	3.63 M
TRANSPORT LENGTH, STOWED	122 IN	3.1 M
BUCKET WIDTH	12-24 IN	305-610 MM
BACKHOE WEIGHT WITHOUT BUCKET	2975 LB	1350 KG
SWING ARC	180°	

A920 BACKHOE		
DIMENSIONS	U.S.	METRIC
TRANSPORT HEIGHT	118 IN	2.99 MM
GROUND CLEARANCE	29 IN	740 MM
DIGGING DEPTH, MAXIMUM	112 IN	2.85 M
REACH FROM SWING PIVOT	158 IN	4.01 M
TRANSPORT LENGTH, STOWED	117 IN	2.97 M
BUCKET WIDTH	12-24 IN	300-610 MM
BACKHOE WEIGHT WITHOUT BUCKET	3300 LB	1497 KG
SWING ARC	180°	

H952 COMBO		
PLOW DIMENSIONS	U.S.	METRIC
COVER DEPTH	36 IN	920 MM
OPERATING WEIGHT WITHOUT BOOM, CHAIN, OR PLOW BLADE	3065 LB	1300 KG
TRANSPORT LENGTH	103 IN	2.62 M
TRENCHER DIMENSIONS		
TRENCH DEPTH, MAXIMUM	70 IN	1.78 M
TRENCH WIDTH	6-12 IN	150-300 MM
ANGLE OF DEPARTURE	22°	
TRANSPORT LENGTH	126 IN	3.2 M

H932 PLOW		
DIMENSIONS	U.S.	METRIC
ANGLE OF DEPARTURE, TRANSPORT, 30-INCH BLADE	23°	
COVER DEPTH	36 IN	920 MM
OPERATING WEIGHT, WITHOUT PLOW BLADE	2400 LB	1100 KG
TRANSPORT LENGTH	102 IN	2.59 M

RC115 REEL CARRIER		
DIMENSIONS	U.S.	METRIC
REEL DIAMETER, MAXIMUM	84 IN	2.13 M
INTERNAL WIDTH	54 IN	1.37 M
CAPACITY	2500 LB	1134 KG
ATTACHMENT WEIGHT WITH SIX 96-LB (44 KG) COUNTERWEIGHTS	1600 LB	726 KG
DISTANCE FROM BACKFILL BLADE TO REEL CARRIER OUTSIDE EDGE	76 IN	1.93 M

H540 SAW		
DIMENSIONS	U.S.	METRIC
TRENCH DEPTH	26 IN	660 MM
TRENCH WIDTH	5, 6, 7 IN	127, 152, 178 MM
TRANSPORT HEIGHT, ATTACHMENT	81 IN	2 M
HEIGHT, WHEEL ON GROUND	55.5 IN	1.5 M
OVERALL LENGTH, WHEEL ON GROUND	214 IN	5.4 M
GROUND CLEARANCE AT WHEEL	24.5 IN	622.3 MM
ANGLE OF DEPARTURE	20°	
WEIGHT, ATTACHMENT	2620 LB	1188 KG
CENTERLINE OF TRENCH		
TO OUTSIDE EDGE, LEFT	33.8 IN	858.5 MM
CENTERLINE OF TRENCH		
TO OUTSIDE EDGE, RIGHT	37.2 IN	945 MM
SOIL DISCHARGE REACH	24-30 IN	610-762 MM

H942 SAW		
DIMENSIONS	U.S.	METRIC
TRENCH DEPTH	30 IN	762 MM
ANGLE OF DEPARTURE	23°	
ATTACHMENT WEIGHT	4500 LB	2041 KG
QUANTITY OF BITS		
ON WHEEL (4.5, 6, 8 IN)	70, 80, 110	
TRANSPORT LENGTH, CENTER OF REAR AXLE	115 IN	2.92 M

H1140 SAW		
DIMENSIONS	U.S.	METRIC
TRENCH DEPTH	40 IN	991 MM
ANGLE OF DEPARTURE	21°	
ATTACHMENT WEIGHT	5900 LB	2676 KG
QUANTITY OF BITS		
ON WHEEL (4.5, 6, 8 IN)	70, 80, 110	
TRANSPORT LENGTH, CENTER OF REAR AXLE	125 IN	3.18 M

H813 TRENCHER		
DIMENSIONS	U.S.	METRIC
ANGLE OF DEPARTURE	25°	
TRENCH DEPTH, MAXIMUM	62 IN	1575 MM
TRENCH WIDTH, MAXIMUM	12 IN	305 MM
TRENCH WIDTH, MINIMUM	6 IN	150 MM
BOOM TRAVEL DOWN	55°	
BOOM TRAVEL UP	51°	
CENTERLINE OF TRENCH		
TO OUTSIDE EDGE, LEFT	23.5-67 IN	600-1700 MM
CENTERLINE OF TRENCH TO		
OUTSIDE EDGE, RIGHT	9-53.5 IN	230-1335 MM
HEADSHAFT HEIGHT, DIGGING CHAIN	29 IN	740 MM
TRANSPORT HEIGHT	122 IN	3.1 M
ATTACHMENT LENGTH, FULLY RAISED	93.5 IN	2.38 M
TRANSPORT LENGTH	102 IN	2.59 M
HEADSHAFT OVERHANG	42 IN	1.07 M
SOIL DISCHARGE REACH, SHORT AUGER	17 IN	430 MM
SOIL DISCHARGE REACH, LONG AUGER	30 IN	760 MM
ATTACHMENT WEIGHT WITH 4-IN (1.2-M) ROLLER BOOM AND 70K CHAIN	2422 LB	1106 KG

H910 TRENCHER		
DIMENSIONS	U.S.	METRIC
ANGLE OF DEPARTURE	28°	
TRENCH DEPTH, MAXIMUM	97 IN	2.46 M
TRENCH WIDTH	6-24 IN	152-610 MM
TRANSPORT LENGTH	112 IN	2.85 M
ATTACHMENT WEIGHT, WITHOUT BOOM AND CHAIN	1750 LB	794 KG

H911 TRENCHER		
DIMENSIONS	U.S.	METRIC
ANGLE OF DEPARTURE	24.7°	
TRENCH DEPTH, MAXIMUM	94 IN	2.39 M
TRENCH WIDTH	6-24 IN	152-610 MM
TRANSPORT LENGTH	126 IN	3.2 M
ATTACHMENT WEIGHT, WITHOUT BOOM AND CHAIN	2350 LB	1066 KG

M910 TRENCHER		
DIMENSIONS	U.S.	METRIC
ANGLE OF DEPARTURE		
WITH 38 X 18.00-20 TIRES	28°	
TRENCH DEPTH, MAXIMUM		
WITH 38 X 18.00-20 TIRES	97 IN	2.46 M
TRENCH WIDTH	6-24 IN	152-610 MM
TRANSPORT LENGTH	112 IN	2.85 M
ATTACHMENT WEIGHT	1750 LB	794 KG

M912 TRENCHER		
DIMENSIONS	U.S.	METRIC
ANGLE OF DEPARTURE		
WITH 38 X 18.00-20 TIRES	28°	
TRENCH DEPTH, MAXIMUM		
WITH 38 X 18.00-20 TIRES	97 IN	2.46 M
TRENCH WIDTH, CENTER POSITION MAXIMUM	6-24 IN	152-610 MM
TRENCH WIDTH, OFFSET POSITION MAXIMUM	6-12 IN	152-305 MM
ATTACHMENT WEIGHT, WITHOUT BOOM AND CHAIN	1850 LB	839 KG



THE CHARLES MACHINE WORKS, INC. DITCH WITCH WORLDWIDE HEADQUARTERS PERRY, OK 73077-0066 U.S.A.

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