



DITCH WITCH RT115, HT115, RT95, RT80

# RT/HT TRACTORS

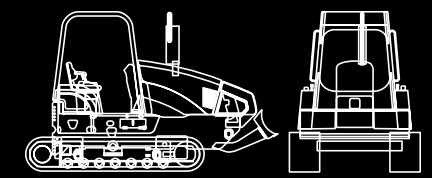


FEEL THE EARTH MOVE.



## 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.



### 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.



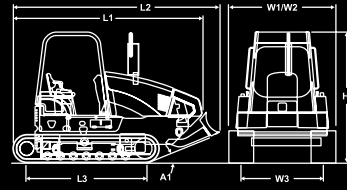
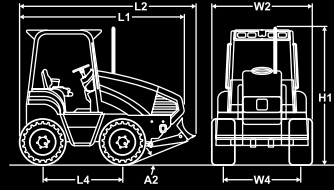
### SPECIFICATIONS

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.	METRIC
25°	
111 IN	2.82 M
128 IN	3.25 M
148 IN	3.76 M
73 IN	1.85 M
N/A	
82 IN	2.08 M
N/A	
64 IN	1.63 M

U.S.	METRIC
38°	
117 IN	2.97 M
128 IN	3.25 M
158 IN	4.01 M
73 IN	1.85 M
N/A	
89 IN	2.61 M
N/A	
71 IN	1.8 M

U.S.	METRIC
15°	
102.5 IN	2.6 M
130 IN	3.3 M
139 IN	3.53 M
N/A	
84 IN	2.13 M
82 IN	2.08 M
65.3 IN	1.66 M
N/A	

**OPERATION**

- FORWARD SPEEDS
  - LOW/LOW
  - LOW/HIGH
  - HIGH/LOW
  - HIGH/HIGH

0.6 MPH	0.9 KM/H
1.2 MPH	2 KM/H
4.2 MPH	6.8 KM/H
9 MPH	14.5 KM/H

2.1 MPH	3.4 K/H
N/A	
4 MPH	6.4 K/H
7.2 MPH	11.6 K/H

2.6 MPH	4.2 KM/H
N/A	
N/A	
4.5 MPH	7.2 KM/H

- REVERSE SPEEDS
  - LOW/LOW
  - LOW/HIGH
  - HIGH/LOW
  - HIGH/HIGH

0.3 MPH	0.5 KM/H
0.7 MPH	1.1 KM/H
2.8 MPH	4.5 KM/H
6 MPH	9.6 KM/H

1.2 MPH	1.9 K/H
N/A	
2.2 MPH	3.5 K/H
4.2 MPH	6.8 K/H

2.6 MPH	4.2 KM/H
N/A	
N/A	
4.5 MPH	7.2 KM/H

- GROUND PRESSURE
  - STEEL TRACKS
  - RUBBER TRACKS

N/A	
N/A	

N/A	
N/A	

5.8 PSI	0.4 BAR
6.2 PSI	0.4 BAR

- VEHICLE CLEARANCE CIRCLE (SAE),
  - WALL-TO-WALL, W/BACKFILL BLADE
  - FRONT STEER ONLY
  - COORDINATED STEER

31 FT	9 M
21 FT	6 M

39.5 FT	12 M
27 FT	8.2 M

187 IN	4.75 M
N/A	

- BASIC UNIT WEIGHT
- MAXIMUM ALLOWABLE TRACTOR WEIGHT
- FRONT COUNTERWEIGHT
- GROUND CLEARANCE

7980 LB	3620 KG
18,100 LB	8210 KG
2100 LB	950 KG
14 IN	356 MM

15,240 LB	6913 KG
22,800 LB	10 342 KG
2100 LB	950 KG
15.5 IN	394 MM

12,000 LB	5443 KG
22,000 LB	9979 KG
2100 LB	950 KG
11.5 IN	292 MM

**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	2.03 M
17 IN	430 MM
21 IN	530 MM
11 IN	280 MM
30°	
24°	

80 IN	2.03 M
17 IN	430 MM
23 IN	584 MM
8 IN	203 MM
30°	
24°	

80 IN	2.03 M
17 IN	430 MM
21 IN	530 MM
11 IN	280 MM
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	4.5 L
4.19 IN	106 MM
5 IN	127 MM
115 HP	86 KW
103 HP	77 KW
2400 RPM	
30°	
30°	
EPA TIER 3	EU STAGE IIIA

JOHN DEERE 4045HF285	
DIESEL	
LIQUID	
DIRECT	
TURBOCHARGED & CHARGE AIR COOLED	
4	
275 IN³	4.5 L
4.19 IN	106 MM
5 IN	127 MM
115 HP	86 KW
103 HP	77 KW
2400 RPM	
30°	
30°	
EPA TIER 3	EU STAGE IIIA

JOHN DEERE 4045HF285	
DIESEL	
LIQUID	
DIRECT	
TURBOCHARGED & CHARGE AIR COOLED	
4	
275 IN³	4.5 L
4.19 IN	106 MM
5 IN	127 MM
115 HP	86 KW
103 HP	77 KW
2400 RPM	
30°	
30°	
EPA TIER 3	EU STAGE IIIA

**SPECIFICATIONS**

**RT115**

**RT115 QUAD**

**HT115**

- POWER TRAIN
  - GROUND DRIVE TRANSMISSION
  - ATTACHMENT DRIVE TRANSMISSION

U.S.	METRIC
HYDROSTATIC	
HYDROSTATIC, LEVER-OPERATED, SPEED INFINITELY VARIABLE FROM ZERO TO MAXIMUM	
PLANETARY FRONT AND REAR WITH OPTIONAL REAR STEERING	
DISC, FOOT-OPERATED	
DISC, HAND-OPERATED	

- DIFFERENTIALS

N/A	
N/A	
N/A	

- SERVICE BRAKE
- PARKING BRAKE
- TIRES/PRESSURE
  - (38 X 18.00-20, 14-PLY BAR LUG FLOTATION)
- TRACKS

72 PSI	3.1 BAR
N/A	

**HYDRAULIC SYSTEM**

- GROUND DRIVE
  - PUMP CAPACITY
  - PUMP RELIEF PRESSURE
- MOTOR DISPLACEMENT H/L (2)
- MOTOR PRESSURE (2)
- ATTACHMENT
  - PUMP CAPACITY
  - PUMP RELIEF PRESSURE
- AUXILIARY
  - PUMP CAPACITY
  - PUMP RELIEF PRESSURE

@ 2400 RPM	
29.2 GPM	110.5 L/MIN
5000 PSI	345 BAR
N/A	
N/A	
48 GPM	182 L/MIN
6090 PSI	420 BAR
12.5 GPM	47.3 L/MIN
2500 PSI	172 BAR

**FLUID CAPACITIES**

- FUEL TANK
- ENGINE OIL
- HYDRAULIC RESERVOIR
- HYDRAULIC SYSTEM
- COOLING SYSTEM

38 GAL	144 L
16 QT	15 L
24 GAL	91 L
29 GAL	110 L
18 QT	16.8 L

**BATTERY**

- GROUP
- SAE RESERVE CAPACITY RATING
- SAE COLD CRANK RATING @ 0° F (-18° C)
- AUXILIARY POWER OUTLET

65	
165 MIN	
875 AMPS	
12V, 10 AMPS	

- U.S. METRIC
- HYDROSTATIC
- HYDROSTATIC

PLANETARY FRONT AND REAR WITH REAR STEERING	
DISC, FOOT-OPERATED	
DISC, HAND-OPERATED	

N/A	
450 X 86 X 42, RUBBER, CHEVRON PATTERN	

**@ 2500 RPM**

51.5 GPM	195 L/MIN
6200 PSI	427.5 BAR
N/A	
N/A	
51.5 GPM	195 L/MIN
6200 PSI	427.5 BAR
14.96 GPM	56.6 L/MIN
3000 PSI	206.8 BAR

38 GAL	144 L
16 QT	15 L
20 GAL	76 L
25 GAL	95 L
18 QT	16.8 L

65	
165 MIN	
875 AMPS	
12V, 10 AMPS	

- U.S. METRIC
- HYDROSTATIC, JOYSTICK WITH AUTOTRACK
- HYDROSTATIC, LEVER-OPERATED, SPEED INFINITELY VARIABLE FROM ZERO TO MAXIMUM

N/A	
N/A	
SPRING-APPLIED, PRESSURE-RELEASED	

N/A	
STEEL OR RUBBER	

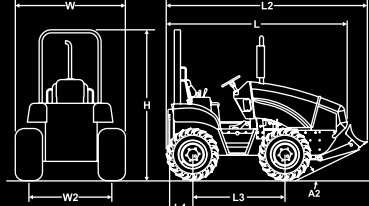
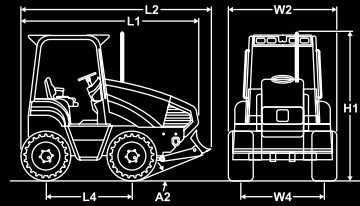
**@ 2400 RPM**

33.6 GPM	127.2 L/MIN
2500 PSI	172.4 BAR
3.35/1.8 IN³	55/29.5 CM³
6000 PSI	413.7 BAR
48 GPM	182 L/MIN
6090 PSI	420 BAR
12.5 GPM	47.3 L/MIN
2500 PSI	172 BAR

45 GAL	170 L
16 QT	15 L
20 GAL	76 L
32 GAL	121 L
25 QT	24 L

65	
165 MIN	
875 AMPS	
12V, 10 AMPS	

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. CONTAINS PATENTED FEATURES. \*CALLED OUT ACCORDING TO SAE J1995, \*\*CALLED OUT ACCORDING TO SAE J1349



## SPECIFICATIONS

### RT95

#### DIMENSIONS

A <sup>2</sup> ANGLE OF APPROACH
H <sup>1</sup> HEIGHT
L <sup>1</sup> LENGTH, NOSE TO REAR MOUNT
L <sup>2</sup> LENGTH, TRANSPORT
L <sup>4</sup> WHEELBASE
W <sup>2</sup> WIDTH
W <sup>4</sup> TREAD

#### OPERATION

##### WITH HYDROSTATIC TRANSMISSION

##### FORWARD SPEEDS

LOW/LOW
LOW/HIGH
HIGH/LOW
HIGH/HIGH

##### REVERSE SPEEDS

LOW/LOW
LOW/HIGH
HIGH/LOW
HIGH/HIGH

##### WITH POWERSHIFT TRANSMISSION

##### FORWARD SPEEDS

LOW/LOW
HIGH/LOW
HIGH/HIGH

##### REVERSE SPEEDS

LOW/LOW
HIGH/LOW
HIGH/HIGH

##### 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

##### BACKFILL BLADE<sup>1</sup>

BLADE WIDTH
BLADE HEIGHT
LIFT HEIGHT, ABOVE GROUND
BLADE DROP, BELOW GROUND
MAXIMUM SWING ANGLE, LEFT/RIGHT
TILT ANGLE, UP/DOWN

U.S.	METRIC
25°	
111 IN	2.82 M
128 IN	3.25 M
148 IN	3.76 M
73 IN	1.85 M
82 IN	2.08 M
64 IN	1.63 M

0.6 MPH	0.9 KM/H
1.2 MPH	2 KM/H
4.2 MPH	6.8 KM/H
9 MPH	14.5 KM/H

0.3 MPH	0.5 KM/H
0.7 MPH	1.1 KM/H
2.8 MPH	4.5 KM/H
6 MPH	9.6 KM/H

0.4 MPH	0.7 KM/H
6.2 MPH	9.9 KM/H
9.1 MPH	14.7 KM/H

0.4 MPH	0.7 KM/H
6.2 MPH	9.9 KM/H
9.1 MPH	14.7 KM/H

31 FT	9 M
21 FT	6 M
7980 LB	3620 KG
18,100 LB	8210 KG
2100 LB	950 KG
14 IN	355 MM

80 IN	2.03 M
17 IN	430 MM
21 IN	530 MM
11 IN	280 MM
30°	
24°	

### RT80<sup>†</sup>

U.S.	METRIC
22°	
97 IN	2.46 M
114 IN	2.9 M
129 IN	3.28 M
60 IN	1.53 M
76 IN	1.93 M
58 IN	1.46 M

2.4 MPH	3.9 KM/H
3.8 MPH	6.1 KM/H
6.8 MPH	10.9 KM/H
10.5 MPH	16.9 KM/H

1 MPH	1.6 KM/H
1.6 MPH	2.6 KM/H
3.1 MPH	5 KM/H
4.5 MPH	7.2 KM/H

N/A	
N/A	
N/A	

N/A	
N/A	
N/A	

33.5 FT	10.2 M
21.5 FT	6.5 M
5880 LB	2667 KG
13,100 LB	5942 KG
1915 LB	870 KG
11.6 IN	294 MM

72 IN	1.83 M
14 IN	355 MM
19 IN	480 MM
12 IN	305 MM
30°	
16°	

## SPECIFICATIONS

### RT95

#### 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

U.S.	METRIC
JOHN DEERE 4045HF280	
DIESEL	
LIQUID	
DIRECT	
TURBOCHARGED & CHARGE AIR COOLED	
4	

275 IN <sup>3</sup>	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	
120 MIN	
800 AMPS	
12V, 10 AMPS	

### RT80

U.S.	METRIC
DEUTZ TD2011L04W	
DIESEL	
LIQUID	
DIRECT	
TURBOCHARGED	
4	

221 IN <sup>3</sup>	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	

# 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 FT <sup>3</sup>	50-70 MM <sup>3</sup>
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 HEIGHT, WHEEL ON GROUND	81 IN	2 M
OVERALL LENGTH, WHEEL ON GROUND	55.5 IN	1.5 M
GROUND CLEARANCE AT WHEEL	214 IN	5.4 M
ANGLE OF DEPARTURE	24.5 IN	622.3 MM
WEIGHT, ATTACHMENT	20°	
CENTERLINE OF TRENCH	2620 LB	1188 KG
TO OUTSIDE EDGE, LEFT		
CENTERLINE OF TRENCH	33.8 IN	858.5 MM
TO OUTSIDE EDGE, RIGHT		
SOIL DISCHARGE REACH	37.2 IN	945 MM
	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





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