

DITCH WITCH® PR50, PR75, PR95 PIPE BURSTING SYSTEMS

Your next rehab job doesn't have to tie up a crew of 10, cut off utility service to 2,000 customers, or reroute 5 o'clock traffic. With the Ditch Witch PR line of pipe bursting systems, upgrading water and sewer infrastructure is cleaner, less disruptive, and more affordable than ever.



KEY FEATURES

A variety of cutting tools can burst PVC, clay, and other fracturable pipe or cut through steel, ductile iron, and cast iron pipe 4-16" (100-406 mm) in diameter

Optional rod make-up device speeds make-up times, makes operation easy, and allows flexible setup on a variety of jobsites.

The PR's compact size leaves a small footprint, which means less disruption and less interference with adjacent utilities.

DETAILS

Every PR pipe bursting system is manufactured with heavy-duty frames, cylinders, and covers for long life and less maintenance.

A comprehensive accessory kit—packed with everything from wrenches to grease—is standard equipment.

Fully-enclosed and quiet power packs are quality-built for years of dependable service and low maintenance.

Downhole tools have a simple, proven, solid design; fewer moving parts than the competition means less maintenance and fewer potential repairs in the field.

Load-sensing hydraulics allow unit to automatically downshift when load is introduced, and allow higher speeds during makeup and breakout for increased production.

SPECIFICATIONS

PR50

PR75

PR95

PULLING UNIT

PULLBACK FORCE
LENGTH
WIDTH
HEIGHT
WEIGHT
ROD DIAMETER
ROD WEIGHT
ROD LENGTH

U.S.	METRIC
99,200 LB	45 T
75 IN	1.91 M
9.8 IN	250 MM
29.5 IN	750 MM
1190 LB	540 KG
1.77 IN	45 MM
26.5 LB	12 KG
39.4 IN	1.0 M

U.S.	METRIC
143,300 LB	65 T
102 IN	2.6 M
15.7 IN	400 MM
31.5 IN	800 MM
3090 LB	1400 KG
1.97 IN	50 MM
33 LB	15 KG
39.4 IN	1 M

U.S.	METRIC
187,400 LB	85 T
71 IN	1.8 M
27.6 IN	700 MM
43.3 IN	1.1 M
7050 LB	3200 KG
1.97 IN	50 MM
33 LB	15 KG
39.4 IN	1 M

ROD MAKE-UP DEVICE

LENGTH
WIDTH
HEIGHT
WEIGHT

23.6 IN	600 MM
15.7 IN	400 MM
19.7 IN	500 MM
408 LB	185 KG

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15.7 IN	400 MM
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POWER PACK

LENGTH
WIDTH
HEIGHT
WEIGHT

59 IN	1.5 M
38.6 IN	980 MM
37.4 IN	950 MM
1210 LB	550 KG

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38.6 IN	980 MM
37.4 IN	950 MM
1210 LB	550 KG

83 IN	2.1 M
51.2 IN	1.3 M
49.2 IN	1.25 M
3200 LB	1450 KG

POWER

ENGINE
FUEL
COOLING MEDIUM
INJECTION
ASPIRATION
NUMBER OF CYLINDERS
DISPLACEMENT
BORE
STROKE
MANUFACTURER'S GROSS POWER RATING
PER SAE J1995
ESTIMATED NET POWER RATING PER SAEJ1349
RATED SPEED

KUBOTA D1105E	
DIESEL	
LIQUID	
INDIRECT	
NATURAL	
3	
68.6 CU IN	1.1 L
3.07 IN	78 MM
3.09 IN	78.5 MM
26 HP	19.4 KW
25 HP	18.6 KW
3000 RPM	3000 RPM

KUBOTA D1105E	
DIESEL	
LIQUID	
INDIRECT	
NATURAL	
3	
68.6 CU IN	1.1 L
3.07 IN	78 MM
3.09 IN	78.5 MM
26 HP	18.6 KW
25 HP	19.4 KW
3000 RPM	3000 RPM

KUBOTA V3300E	
DIESEL	
LIQUID	
INDIRECT	
NATURAL	
4	
202 CU IN	3.3 L
3.86 IN	98 MM
4.33 IN	110 MM
63 HP	47 KW
59 HP	44 KW
2200 RPM	2200 RPM

HYDRAULIC SYSTEM

MAIN PUMP
MAXIMUM FLOW
MAXIMUM PRESSURE
JAW PUMP
MAXIMUM FLOW
MAXIMUM PRESSURE

22 GPM	83.3 L/MIN
3600 PSI	250 BAR
N/A	N/A
N/A	N/A

22 GPM	83.3 L/MIN
3600 PSI	250 MIN
N/A	N/A
N/A	N/A

32 GPM	121 L/MIN
3600 PSI	250 BAR
22 GPM	83.3 L/MIN
3600 PSI	250 BAR

FLUID CAPACITIES

FUEL TANK
HYDRAULIC RESERVOIR

5.3 GAL	20 L
37 GAL	140 L

5.3 GAL	20 L
37 GAL	140 L

10.6 GAL	40 L
53 GAL	200 L

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.