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| Manufacturer: | Ditch Witch | |
| Model: | 3700 | |
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|  | US/Imperial | Metric |
| Engine: | Deutz F3L1011F |  |
| Height: | 86 in |  |
| Length: | 155 in |  |
| Width: | 64 in |  |
|  | | |
| Additional Info: | | |
| DIMENSIONS Angle of approach: 20°  Overhang beyond tire: 3.5 in  Height: 86 in  Length - transport: 155 in  Wheelbase: 48 in  Width: 64 in  Tread: 46 in   GENERAL Ditch Witch model 3700 tractor, 4-wheel drive, rigid frame, hydrostatic ground drive through rubber tires, 2-wheel power steering, hydrostatic attachment drive, riding unit.  OPERATION Vehicle speeds Max. forward speed: 4.3 mph  Max. reverse speed: 1.7 mph  Max. digging chain speed @ 2500 rpm engine speed: 420 fpm  Vehicle clearance circle (SAE) With front wheel steer: 28 ft  With rear wheel steer: 20 ft  Operating weight\*: 4200 lb  Max. headshaft speed @ 2500 rpm engine: 210 rpm  Auger: single, tapered, with outboard support bearing Max. diameter: 24 in  Min. diameter: 18 in  Length: 13 in  \* Operating weight based on H313 attachment with shortest boom, 6 in (150 mm) wide chain, and 175 lb (79 kg) operator. Backfill Blade Blade width: 64 in  Blade height: 14 in  Lift height above ground: 12 in  Blade drop below ground: 8 in  Maximum swing angle (left/right): 28°  Tilt angle (up/down): 11°   POWER TRAIN Ground drive transmission: hydrostatic drive infinitely variable from zero to max., foot pedal and hand lever operated speed /direction control.  Differentials: Dana model 44 (Dana model 60 optional)  Service brake: ground drive speed/direction control brakes machine hydraulically when moved to neutral position.  Parking brake: Disc, hand operated  Tires: load rating at recommended pressure @ 10 mph (16 km/h)  Standard: 26 x 12.00-12,4-ply bar lug, 1780 lb @ 20 psi, 807 kg @ 1.4 bar  Optional: 29 x 12.50-15, 4-ply bar lug, 2255 lb @ 30 psi, 1022 kg @ 2.1 bar  Attachment drive transmission: hydrostatic, lever-operated speed infinitely variable from zero to maximum forward with limited stroke reverse.  POWER Engine: Deutz F3L1011F, air cooled diesel, direct injection with individual cylinder injection pumps  Fuel: Diesel  Displacement: 125 cubic inches  Bore: 3.58 in  Stroke: 4.13 in  Engine gross power @ 3000 rpm: 45 hp  Max. governed speed as installed (no load): 2650 rpm  SAE net power @ 2500 rpm: 37.5 hp   HYDRAULIC SYSTEM Ground drive pump capacity: 28.4 gpm  Ground drive pump relief pressure: 3750 psi  Attachment pump capacity: 28.4 gpm  Trencher chain pump relief pressure: 5000 psi  Plow and saw pump relief pressure: 3750 psi  Auxiliary pump capacity: 11 gpm  Auxiliary pump relief pressure: 2500 psi  FLUID CAPACITIES Fuel tank: 13 gal  Engine oil (refill): 6 qt  Hydraulic reservoir: 9.5 gal  Hydraulic system: 13 gal   BATTERY Group 26/26R/70, cold crank @ 0° F (-18°C), 500 amp - cranking amps @ 32°F (0°C), 700 amp  NOISE LEVEL Operator 91 dbA sound pressure per ISO 6394  Exterior 106 dbA sound power per ISO 6393 | | |