

2022 Ditch Witch HX30

Jesco Ditch Witch
<https://jescoditchwitch.us>



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The powerful Ditch Witch HX30 vacuum excavator features a 24.8-hp Kubota® diesel engine for advanced performance and productivity on any mid-sized potholing, soft-excavation or cleanup tasks. Customer-driven features meet the needs of the operators who use the machine daily, with reduced operator fatigue and a low-profile design, which scales down unit height without compromising ground clearance. This industry-leading machine offers best-in-class filtration and features a patent-pending design for optimized air flow and increased efficiency.

General

Manufacturer	Ditch Witch
Model	HX30
Year	2022
Price	Request a Quote
Category	Vacuums
Subcategory	Hydro Excavators

Dimensions

Length	218 in
Width	96 in
Height	84.4 in
Trailer Gvwr	9,999 lb
Length(One)	232.1 in
Width(One)	96 in
Height(One)	84.2 in
Height (17K)	84.8 in
Trailer Gvwr(One)	12,000 lb, 14,000 lb or 17,000 lb
Length(Two)	269.4 in
Width(Two)	96 in
Height(Two)	85 in
Trailer Gvwr(Two)	20,000 lb
Length(Three)	269.4 in
Width(Three)	96 in
Height(Three)	88.7 in
Trailer Gvwr(Three)	24,000 lb

Engine

Engine	Kubota® D1105
Fuel	Diesel
Cooling Medium	Liquid
Aspiration	Natural

Engine

Number Of Cylinders	3
Manufacturer'S Gross Power Rating	24.8 hp
Emissions Compliance	EPA Tier 4
Rated Speed	3,000 rpm
Fuel Tank Capacity	25 gal

Hydraulics

Flow Rate	3.6 gpm
Pressure	2,500 psi
Drive Type	Gear Pump
Tank Lift Cylinder Size (2)	3 in
Tilt Angle, Max	45°

Operational

Air Flow	512 cfm
Vacuum, Max	15 in Hg
Vacuum Tank Capacity	500/800 gal
Tank Outlet Valve Size	6 in
Filter Type	Washable polyester
Filter Area	73 ft ²
Suction Hose	3 in
Water Tank Capacity	200/400 gal
Water Pump Flow	4.2 gpm
Water Pump Pressure, Max	3,000 psi
Clutch Type	Electric pump clutch w/auto de-clutch feature
Hose Reel (Locking)	50 ft
Antifreeze System	50/50 water/antifreeze mix
Sae Reserve Capacity Rating	110 min
Sae Cold Crank Rating @ 0°F (-18°C)	800 amps
Electrical System	12V
Sound Power	104 dBA
Sound Pressure	77 dBA
Weight, Empty	6,240 lb
Weight, Empty(One)	6,853 lb
Weight, Empty (17K)	7,698 lb
Weight, Empty(Two)	8538
Weight, Empty(Three)	8,538 lb
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Weight, Empty (17K)	7,698 lb
Weight, Empty(Two)	8538 lb
Weight, Empty(Three)	8,538 lb

Features**Options**

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- 500-Gallon Configurations Include:
 - 800-Gallon Configurations Include:

Features

- A Heavy Version Equipped With A 400-Gal Water Tank And A 24K Gvwr Trailer.
- A Standard Version Equipped With A 200-Gal Water Tank And A 12K Gvwr, 14K Gvwr Or 17K Gvwr Trailer.
- A Standard, Cyclonic Three-Stage Filtration System Cleans The Air Before It Reaches Critical Components. It Is Comprised Of The Debris Tank, Cyclonic Filter And 0.5-Micron Washable Vacuum Filter - Offering The Industrys Best Filtration For Maximum Protection Of Key Components.
- Added Versatility
- All Trailer Configurations Are Natm Compliant And Are Offered With An Optional Toolbox.
- An Exclusive, Hose-Storage Design Allows Operators To Store The Hose Flat And Straight Inside The Unit Frame?A Direct Customer-Driven Enhancement. The Vac Door Also Features Convenient Storage For Unit Tools, Including The Vac Tube And Digging Lance.
- An Optional Jib Boom Is Available On Both Hx30 Model Versions, And Has Exclusive Dual Articulation, Providing The Widest Range Of Motion In The Industry. A Hose Restraint Helps Control The Units Hose From Jumping While Working.
- An Optional Power Boom Is Available On The Heavy Version Of The 800-Gal Hx30 Model And Features An Advanced Design That Reduces Manual Labor For The Operator. The Hydraulically-Powered Boom Offers 330-Degree Rotation And Includes A Self-Locking Gear, Acting As A Boom Brake, To Restrain Motion Of The Boom And Maintain Its Desired Position.
- An Optional Spare Tire With A Carrier Allows Easy Access To A Spare When Needed, Reducing Downtime.
- Featuring A Low-Profile Design, The Machines Full Unit Height Is Reduced. This Eases Maneuverability And Allows The Unit To Fit In Height-Restrictive Areas, Without Compromising Ground Clearance So Operators Can More Easily Avoid Ground-Level Obstacles.
- Featuring Outstanding Suction And Water Pressure, The Hx30 Is Equipped With An Efficient 512-Cfm (14.5-M3/Min) Blower, And A Powerful Water System With Water-Pressure Capacity Of 3,000 Psi (207 Bar) And 4.2-Gpm (16-L/Min) Flow.
- Low Profile. High Performance.
- Low-Profile, Customer-Driven Design
- New, Patent-Pending Make/Break Seal Design Optimizes Air Flow For Increased Efficiency, And Simplified Plumbing.

Options

- An Optional Dual Work Light Features Two Led Floodlights In The Back Of The Vac Unit For Use In Dark Or Night Conditions.

** Price, if shown, is Manufacturer's Suggested Retail Price (MSRP) and does not include government fees, taxes, dealer freight/preparation, dealer document preparation charges or any finance charges (if applicable). MSRP and/or final actual sales price will vary depending on options or accessories selected.*

Features

- Patent-Pending, Advanced Door Linkage Automates Lockout When Fully Opened, Without Requiring Any Additional Effort From The Operator.
- Powered By A 24.8-Hp (18.5-Kw) Kubota Diesel Engine, The Unit Provides Optimal Suction Power And Water Pressure For Any Mid-Sized Underground Construction Job Or Other Non-Hazardous Cleanup Tasks.
- Proven Productivity
- Simplified Maintenance
- Standard On The Hx30 Is A Cyclonic Filtration System That Minimizes Filter Cleaning Frequency, While Providing Superior Filtration, Resulting In Increased Productivity.
- The Construction-Grade Hx30 Features A Durable, Narrow Design For Easy Navigation In Urban Or Congested Areas.
- The Hx Models Feature Improved Serviceability As All Maintenance Points Are More Accessible With A Liftoff Power Pack Door Design.
- The Hx30 Has A Compact Footprint Capable Of Meeting The Needs Of Large-Production Jobs.
- The Hx30 Is Available With Two Size Options.
- The Hx30 Is Equipped With A 500-Gal (1893-L) Or 800-Gal (3028-L) Debris Tank For Any Size Cleanup Job.
- The Hx30 Now Has Hydraulic Controls Located At The Rear Of The Units, Enhancing Operator Visibility.
- The Hx30 Provides 66 Percent More Fuel Capacity Than Its Predecessor For Improved Productivity And Fewer Refueling Stops During The Workday.
- The Machine Can Be Configured To Accommodate Operator Controls On Either The Left Or Right Side To Meet Each Contractors Individual Needs.

