



BOOST HDD Trucks

-Built for Drillers by Drillers!

Designed and Built by: **INNOVATORSEQUIPMENT**

Please Call (800) 654-0413 with Questions or Pricing



BOOST

Your Jobsite TODAY!

- **BOOST** Productivity
- **BOOST** Efficiency
- **BOOST** Company Image

- **BOOST** Drill Uptime
- **BOOST** Crew Moral
- **BOOST** Safety & Compliance

BOOST

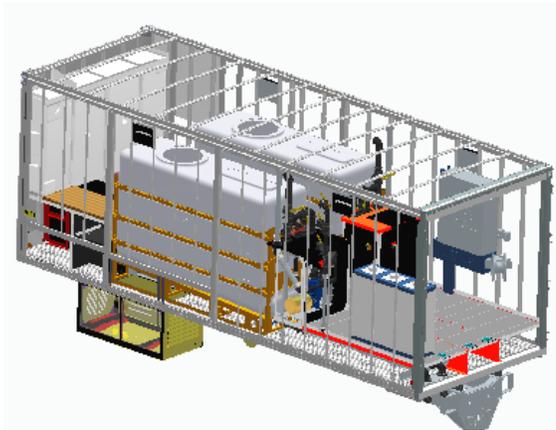
HIGH PERFORMANCE
DIRECTIONAL DRILLING

POWERFUL – EFFICIENT – DURABLE – QUIET – CLEAN



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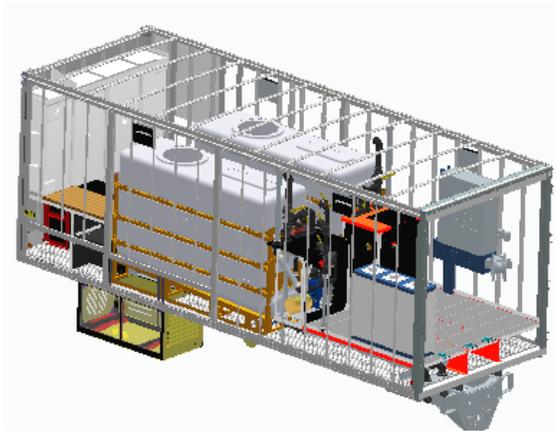
22' MODULAR BODY



Body	22'
Height	97"-103" (inside)
Width	102"
Depth	22'
Body Weight (Dry)	15,000#
Body Weight (working)	35,500#
Deck	Extruded non-slip aluminum
Raised Floor	.120 diamond plate aluminum
Structure	Galvanized steel
Frame	3" high tensile strength I-beams - 12" on center
Storage Access Doors	Custom fit Lippert Gas shock slam latch doors
Side Ingress/Egress	Passenger side stepwell w/full size 30" x 84" Lippert slam lock service door & Lippert flip out solid-step 2 step stair
Rear ingress/Egress	Full size 30" x 84" Lippert slam lock service door emergency exit door (ladder optional)
Rear Post	Laser cut stainless steel
Interior Walls	3/8" & 1/2" waterproof FRP lined plywood
Exterior Walls	0.04" aluminum sheeting - rivet less construction
Exterior Lighting	(4) 2000 lumen swivel LED scene lights (24VDC)
Interior Lighting	(3) 4FT LED vapor tight light 60W LED shop light 5000K IP65 100-277V
Safety Lighting	(2) 2000 lumen 12VDC flood lights 3 way switched

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24' MODULAR BODY



Body	24'
Height	97"-103" (inside)
Width	102"
Depth	24'
Body Weight (Dry)	16,000#
Body Weight (working)	36,500#
Deck	Extruded non-slip aluminum
Raised Floor	.120 diamond plate aluminum
Structure	Galvanized steel
Frame	3" high tensile strength I-beams - 12" on center
Storage Access Doors	Custom fit Lippert Gas shock slam latch doors
Side Ingress/Egress	Passenger side stepwell w/full size 30" x 84" Lippert slam lock service door & Lippert flip out solid-step 2 step stair
Rear ingress/Egress	Full size 30" x 84" Lippert slam lock service door emergency exit door (ladder optional)
Rear Post	Laser cut stainless steel
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DIESEL POWER PLANT

- Each body has its own standalone power plant. Allowing maximum efficiency of jobsite operations.

- Fuel economy
- Less wear on truck's engine
- Quiet
- No PTO



Power Plant	US (Metric)
Engine	YANMAR 4TNV98C
Regulation	Tier 4 (no DEF)
Fuel	Diesel
Fuel Capacity	50 Gal (190 l)
Fuel Consumption	3 gal/h (11.49 l/h)
Displacement	203ci (3.32 l)
Bore	3.858 in (98mm)
Stroke	4.33 in (110mm)
Rated Speed	1800 rpm
Cooling	Liquid cooled
Decibels Rating _(open air)	69dbA
Decibels Rating _(enclosed)	58dbA
Electrical system	12-40v
Battery	(2-parallel) 12V 1000CA
Alternator	US (Metric)
Type	Powerhouse Diesel
Rated Speed	1800rpm
Breaker	50A
Volts	277/480
Hz	60
Phase	3
Output (Standby)	37.5Kw (37.5kva)
Output (Prime)	34.1Kw (34.1kva)

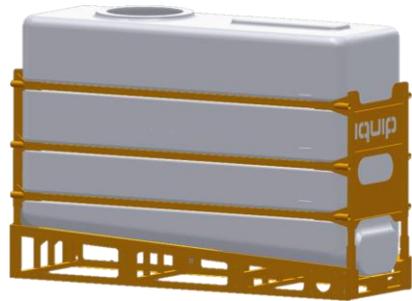
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1,000-Gallon Slurry Mixing Tank

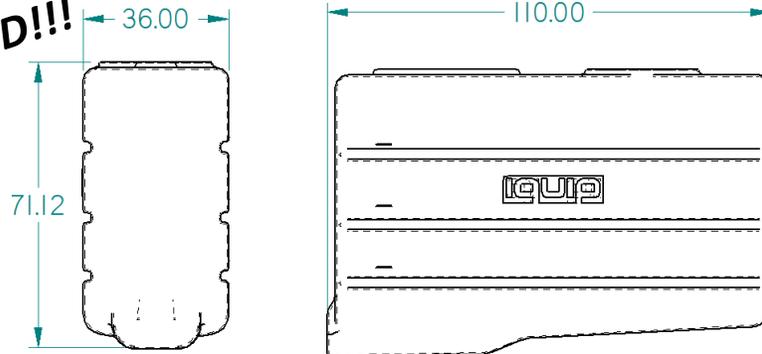
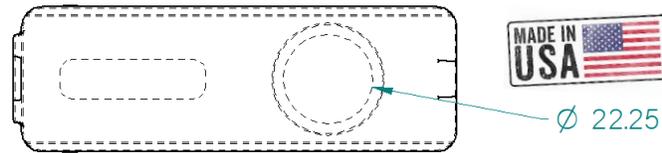
Introducing the 1,000-gallon series slurry tank from IQUIP.

At only 36" wide, IQUIP's 1,000-gallon poly tank is one of the narrowest tanks on the market; perfect for side-by-side truck/trailer mounted slurry mixing systems.

Unlike most traditional flat or barrel bottom tanks, our tank has a 3% sloped bottom to reduce deposit settling and ensure superior mixing. Fitting surfaces that can accommodate up to 6" plumbing & fittings and a huge 22" manhole to make rinsing a breeze.



**Time for something
NEW and IMPROVED!!!**



Slurry Tank	SAE
Capacity	1,000-gallons (3785.4 l)
Material	HDPE (HD 8660)
Wall Thickness	3/8" (9.5mm)
Approx. Wt. (Dry)	1,050 Lbs. (430.91 Kg)
Warranty	1 yr. mfg.

Dimensions w/Stand	Inches (mm)
Height	77.375 (1965)
Width	36.25 (920)
Depth	114.5 (2908)

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PUMPS

- Built to application, close couple combination of a 10 horsepower Baldor 3 phase motor and a MP FlowMax15 (cast housing) can achieve 350gpm in a 3" flow at head near 100'.
- Fully electric – NO PTO – NO gas – NO hydraulic/motor oil
- Each controlled by their own VFD for variable rate/flow options (1750-3600 rpm)
- Combined with IQUIP's BOOST mixing system, each pump can mix IQUIP's 1,000-gallon slurry in 4-6 minutes

*both pumps can be run simultaneously



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MIXING SYSTEM

- IQUIP's BOOST mixing system is a combination of BANJO® and IQUIP fittings, creating a powerful, high volume, and turbulent mixing process. It is capable of mixing top-down, bottom-up, or both.



Pumps	Description
Motor	215TC 10hp 230/460v 3 ph
Pump	Centrifugal - Close couple
Housing	Cast Iron or Stainless Steel
Suction & Discharge	3" ID
Head	Up to 145'
Flow	Up to 350 gpm
Speed	3450rpm
Seal	Viton
Plumbing	Description
Couples	300 psi fiber reinforced poly – full port - 2" & 3" - manifold flange
Fittings	300 psi fiber reinforced poly – full port - 2" & 3" - manifold flange
Valves	'Stubby' 300 psi fiber reinforced poly - full port - manifold flange (2" & 3")
Fittings	300 psi fiber reinforced poly – full port - 2" & 3" - manifold flange
Bulkheads	300 psi fiber reinforced poly – full port - 2" & 3" - manifold flange
Pipe	150 psi solid core PVC piping (2" & 3")
Nozzles	*NEW - BOOST vortex nozzles (2" & 3")
Seals	EPDM rubber
Clamps	Stainless steel V-band clamps

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ADDITIONAL FEATURES

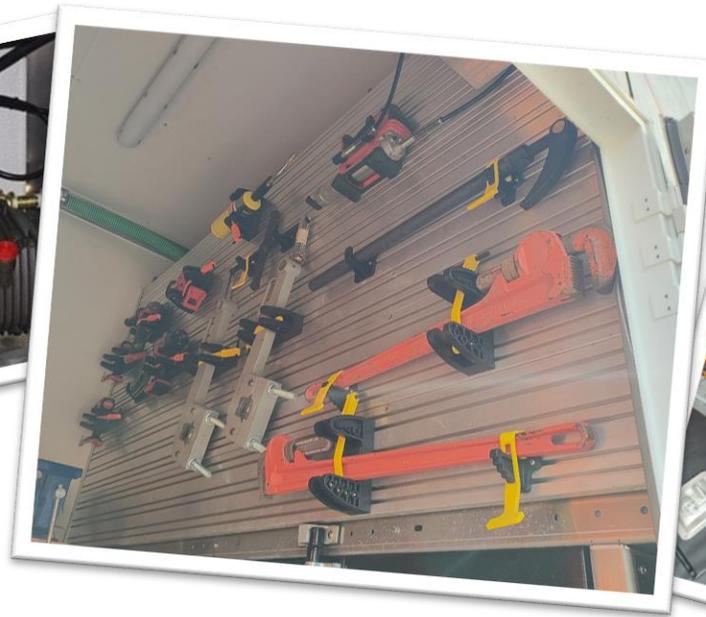
- PAC tool board (Prepped for tool & rigging)
- 300-gallon freshwater tank
- Side access stairwell with Lippert “flip-out” aluminum stair
- Easy access slam lock side hatches
- Liquid drill chemical system or bentonite hoppers for operators’ choice
- Full interior & exterior lighting
- DC emergency lighting
- Gearwrench toolbox (Box ONLY – tool packages available)
- Interior locker and storage shelves
- Ground level access hose connections for drill & fill valves
- Hand-wash station
- Butcher block work bench
- 1500 PSI pressure washer
- Rear mount hose reel
- 50 ton air assist pintle w/air & electric break



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OPTIONAL EQUIPMENT

- Onboard larger 3.6 GPM at 2400 psi pressure washer
- PAC wall tool hangers and hooks
- Built-in Aqua-Hot® 250D-03 diesel hydronic heater
- Various Gearwrench™ tool packages
- Underbody full hose storage
- Qty 5 - 2" by 20' drill supply hoses - easily fit (camlock)



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CHASSIS (RECOMMENDED)



Chassis	22'
Make/Model	Western Star 49X
Weight	19,000#
Length	426"
Engine	DD16 (560hp)
Transmission	DT12 Manual Auto <small>(STD)</small> - OR - Allison Auto <small>(OPT)</small>
Axle	Tri-axle – 58,500#
Wheelbase	259"
Cab to Axle	184"
Ride Height	43.2" (unladen)
Fuel Capacity	150 gallons
Front Suspension	20,000 lb. taper leaf spring
Rear Suspension	TUFTRAC GEN2 - 46,000 lb. leaf spring
Front Tires	425/65R22.5 radial – 20 Ply
Rear Tires	11R22.5 radial – 16 Ply



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CHASSIS (RECOMMENDED)



Chassis	22'
Make/Model	Western Star 47X
Weight	18,000#
Length	402"
Engine	DD13 (470-505hp)
Transmission	DT12 Manual Auto (STD) - OR - Allison Auto (OPT)
Axle	Tandem – 46,000#
Wheelbase	259"
Cab to Axle	184"
Ride Height	43.2" (unladen)
Fuel Capacity	150 gallons
Front Suspension	20,000 lb. taper leaf spring
Rear Suspension	TUFTRAC GEN2 - 46,000 lb. leaf spring
Front Tires	425/65R22.5 radial – 20 Ply
Rear Tires	11R22.5 radial – 16 Ply



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