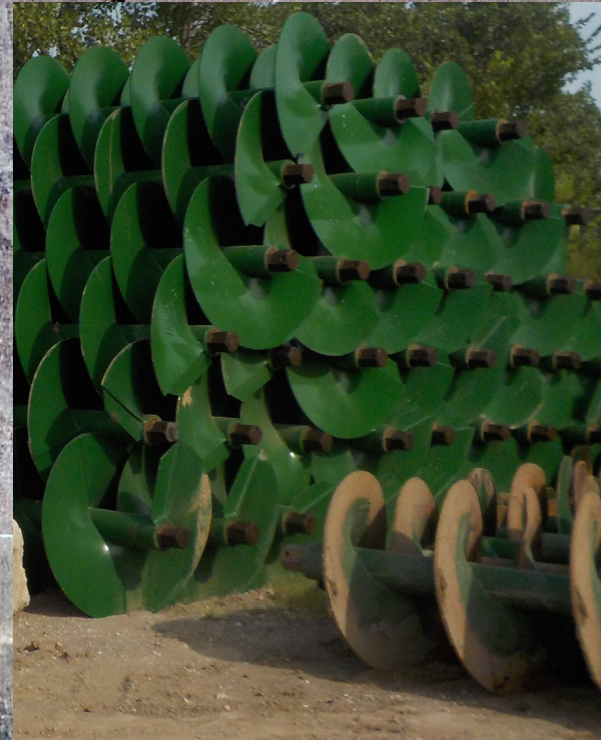




U.S. SHORING & EQUIPMENT CO.



U.S. Shoring & Equipment Co. Product Guide



11070 South Pipeline Road | Euless, Texas 76040

usshoringandequipment.com

TRENCH SHIELDS MANHOLE BOXES

BEDDING BOXES SAF SHIELDS

Pacific SHORING

Quality Driven, Lead Time Focused



SQUARE MANHOLE BOXES

MODEL	SIZE			PIPE CLEARANCE	MAX. DEPTH RATING (Ft.)			
	H	L	W		A25	B45	C60	C80
SINGLE WALL SERIES								
X4MH888SW	8'	8'	8'	45"	32	19	16	13
X4MH8100SW	8'	10'	10'	45"	22	14	12	10
X4MH488SW	4'	8'	8'	N/A	40	24	18	13
X4MH41010SW	4'	10'	10'	N/A	26	16	12	9
DOUBLE WALL SERIES								
X4MH888DW	8'	8'	8'	45"	50	50	38	28
X4MH81010DW	8'	10'	10'	45"	50	43	34	28
X4MH81212DW	8'	12'	12'	45"	37	22	20	14
X4MH488DW	4'	8'	8'	N/A	50	50	40	30
X4MH41010DW	4'	10'	10'	N/A	50	42	26	22
X4MH41212DW	4'	12'	12'	45"	50	43	34	28
RC24 Models = (Qty. 2) 24" x 24" Removable Door Cut Outs								
RC36 Models = (Qty. 2) 36" x 36" Removable Door Cut Outs								

4" MEDIUM SERIES SHIELDS

MODEL	SIZE		PIPE CLEARANCE	WEIGHT (lbs.)	DEPTH RATING (Ft.)			
	H	L			A25	B45	C60	C80
XTS-4M-412	4	12	16"	3409	52	52	44	34
XTS-4M-416	4	16	16"	4248	52	33	24	20
XTS-4M-420	4	20	16"	5086	34	20	15	12
XTS-4M-424	4	24	16"	5925	24	14	12	10
XTS-4M-612	6	12	40"	4574	52	52	45	35
XTS-4M-616	6	16	40"	5771	52	33	25	20
XTS-4M-618	6	18	40"	6369	45	26	20	16
XTS-4M-620	6	20	40"	6968	36	21	18	13
XTS-4M-624	6	24	40"	8164	25	15	12	10
XTS-4M-88	8	8	64"	4146	52	52	46	36
XTS-4M-810	8	10	64"	4924	52	52	41	31
XTS-4M-812	8	12	64"	5701	52	44	34	26
XTS-4M-816	8	16	64"	7165	52	34	24	20
XTS-4M-820	8	20	64"	8726	38	23	20	14
XTS-4M-824	8	24	64"	10366	26	17	14	10
XTS-4M-1010	10	10	84"	6173	52	41	31	25
XTS-4M-1012	10	12	84"	7131	52	34	27	21
XTS-4M-1016	10	16	84"	9046	42	26	18	17
XTS-4M-1020	10	24	84"	11107	26	17	15	12



6" MEDIUM SERIES SHIELDS

MODEL	SIZE		PIPE CLEARANCE	WEIGHT (lbs) (est)	SHEILD CAPACITY (psf) (lbs)	MAX DEPTH C-60
	H	L				
DOUBLEWALL SHIELD						
C6M824	8'	24'	64"	11589	935	19
C6M826	8'	26'	64"	12459	789	17
C6M828	8'	28'	64"	13330	723	16
C6M1016	10'	16'	84"	10175	1520	29
C6M1020	10'	20'	84"	12313	1216	25
C6M1024	10'	24'	84"	14452	932	20
C6M1026	10'	26'	84"	15521	788	18

ROUND MANHOLE BOXES

MODEL	SIZE		MAX. DEPTH RATING (Ft.)			
	H	D	A25	B45	C60	C80
CORRUGATED SHIELDS						
XRMH-8.5DX8T	8'	8.5'	32	32	32	21
XRMH-8.5DX4T	4'	8.5'	32	32	32	21
XRMH-10DX8T	8'	10'	32	32	32	21
XRMH-10DX4T	4'	10'	32	32	32	21
XRMH-8.5DX8T-RC	8'	8.5'	25	25	25	17
XRMH-10DX8T-RC	8'	10'	25	25	25	17
RMH-STACK PINS	(SET OF 4) approx. weight 69 lbs.					
RMH LEGS	(SET OF 4) approx. weight 138 lbs.					



BEDDING BOXES - STANDARD DUTY

MODEL	HEIGHT (In.)	LENGTH (Ft.)	WIDTH (In.)	CAPACITY
XBB-5S	44	13	60	5 Cyds.
XBB-7S	44	14	72	7 Cyds.
XBB-8S	44	15	72	8 Cyds.
XBB-9S	44	16	72	9 Cyds.
XBB-12S	44	16	96	12 Cyds.

Bottom Plate 1/2"

Side Plate 1/4"

End Plate 1/4"

BEDDING BOXES - HEAVY DUTY

MODEL	HEIGHT (In.)	LENGTH (Ft.)	WIDTH (In.)	CAPACITY
XBB-9H	44	16	72	9 Cyds.
XBB-12H	44	16	96	12 Cyds.
XBB-15H	44	20	96	15 Cyds.

Bottom Plate 1/2"

Side Plate 3/8"

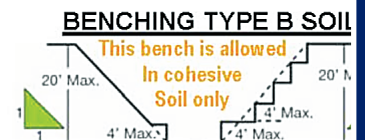
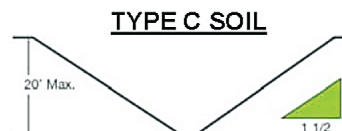
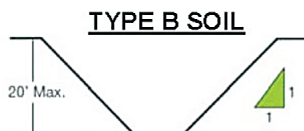
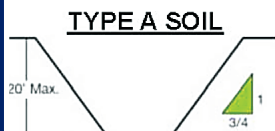
End Plate 3/8"



"SAF" SHIELDS

MODEL	CAPACITY (PSF)	MAX DEPTH RATING (Ft.)				VERTICAL PIPE CLEARANCE (In.)	WEIGHT (lbs.)
		A-25	B-45	C-60	C-80		
XAMS-606	1645	30	25	25	23	25	892
XAMS-608	1215	30	25	20	15	25	1070
XAMS-610	957	25	20	15	11	25	1143
XAMS-612	642	25	15	13	9	25	1407
XAMS-808	1212	30	25	20	15	36	1245
XAMS-810	929	25	20	15	12	36	1530
XAMS-812	649	25	14	13	9	36	1775
XAMS-1010	875	25	19	14	10	40	2250
XAMS-1012	590	20	13	11	7	40	2550

OSHA SLOPING & BENCHING STANDARDS



**BUILD-A-SHIELD
BEAM & PLATE
HYDRAULIC SHORES**

**CRANE MATTS
WATER TRUCKS
ROAD PLATES**

Pacific SHORING
Quality Driven, Lead Time Focused



BUILD-A-SHIELD

BUILD-A-SHIELD					
MODEL	WEIGHT (lbs.)	MAX DEPTH RATING (Ft.)			
		A-25	B-45	C-60	C-80
XBAS-2x3	48	27	27	27	27
XBAS-2x4	62	27	27	27	27
XBAS-2x5	76	27	27	27	27
XBAS-2x6	90	27	27	25	25
XBAS-2x7	104	27	25	25	20
XBAS-2x8	118	27	25	23	18
XBAS-2x10	146	27	22	16	14
XBAS-2x12	174	25	16	12	9
XBAS-2x14	201	22	12	10	7
XBAS-2x16	230	17	10	8	6



BEAM & PLATE

We can provide beam and plate engineered designs and materials including certified tabulated data



HYDRAULIC SHORES

CYLINDER MODELS	
MODEL	RANGE
MODEL - 27	17"-27"
MODEL - 36	22"-36"
MODEL - 46	28"-46"
MODEL - 55	34"-55"
MODEL - 64	40"-64"
MODEL - 88	52"-88"
STANDARD RAIL SIZES	
1.5'	3.5' 5' 7' 9'
CUSTOM SIZES AVAILABLE	





CRANE MATTS

Various sizes available

WATER TRUCK SALE & RENTAL

2,000 Gallon single axle with front, rear and side spray bars along with hose reel



ROAD PLATES

All plates have 3 point lift with lifting hole in side and end. 1" Thick A-36

SIZE	WEIGHT		SIZE	WEIGHT
4'X4'	656#		8'X8'	2624#
4'X8'	1323#		8'X10'	3280#
4'X20'	3280#		8'X12'	3936#
5'X8'	1640#		8'X16'	5248#
5'X10'	2050#		8'X20'	6560#
6'X10'	2460#	11/4"X	8'X20'	8200#
6'X12'	2952#			
6'X16'	3936#			

AUGERS

BORING MACHINES BENTONITE PUMPS



BARBCO AUGERS

Sales & Rental

SIZES:

3" HEX	4" HEX	5" HEX
12"X10'	18"X10'	42"X10'
14"X10'	20"X10'	48"X10'
16"X10'	24"X10'	54"X10'
	30"X10'	60"X10'
	36"X10'	

All augers have ½" thick flighting.
Airway auger available in 30" on 4" HEX.



BARBO BORING MACHINES

Sales, Rental, and Service

SIZES:

30/36-250

Kubota V3307 CRTI-4
74.3 HP @ 2,600 RPM
195.5 Ft. lb. Peak Torque @ 1,500 RPM
Max. Thrust 250,000 lbs.

48/60-9250

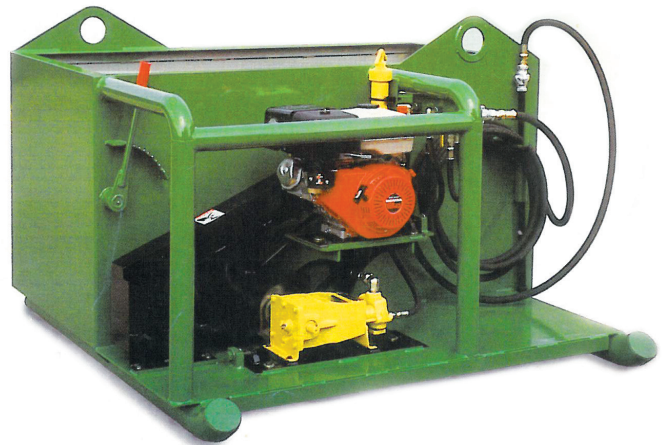
Caterpillar 4.4
173.5 HP @ 2,200 RPM
553 Ft. lb. Peak Torque @ 1,400 RPM
Max. Thrust 954,000 lbs.

60/72-1200

Caterpillar 7.1
202.5 HP @ 2,200 RPM
641 Ft. lb. Peak Torque @ 1,400 RPM
Max. Thrust 1,272,348 lbs.

BENTONITE PUMP MODEL B500

13 HP Honda Engine
300 Gal. Mix Tank
100 Gal. Fresh Water Wash Tank
Pressure Washer Wand
Max. 9 GPM
750 PSI



CRADLE BORING MACHINES

30RCBM SPECIFICATIONS

POWER TRAIN

ENGINE

- Deutz D914L04 Diesel
- 12VDC, 74.2 HP @ 2,300 RPM
- 140.1 FT/LB Peak Torque @ 1,700 RPM

TRANSMISSION

- Eaton Fuller FS-4205A, 5-Speed, 13" Clutch
- 1st Gear.....8.05:1 Ratio
- 2nd Gear.....4.35:1 Ratio
- 3rd Gear.....2.45:1 Ratio
- 4th Gear.....1.48:1 Ratio
- 5th Gear.....1.00:1 Ratio
- Reverse8.05:1 Ratio

MAXIMUM OUTPUT TORQUES AND AUGER SPEEDS

- 1st Gear71,803 FT/LB - 6 RPM
- 2nd Gear.....38,800 FT/LB - 12 RPM
- 3rd Gear.....21,853 FT/LB - 21 RPM
- 4th Gear.....13,201 FT/LB - 35 RPM
- 5th Gear.....8,920 FT/LB - 51 RPM
- Reverse71,803 FT/LB - 6 RPM

GEARBOX

- 44.8:1 Ratio

AUGER DRIVE

- 4" Inch Hex Drive

OPERATOR STATION

- Wireless or Tethered Remote
- Complete Function

HYDRAULIC SYSTEM

PUMP

- Danfoss F74B
- 4,495 PSI Continuous/ 5,800 PSI Intermittent
- Pressure Compensated Load Sensing System
- 46.9 GPM @ 2,400 RPM

THRUST WINCH

- 45,000 LB @ 2,800 PSI, 2-Speed 3/4" Wire Rope
- WRAP PULL High Speed PULL Low Speed
- 120,380 LBS.....45,000 LBS
- 217,100 LBS.....37,700 LBS
- 314,690 LBS.....32,400 LBS
- 412,920 LBS.....28,500 LBS
- (All output forces are single line pull)
- Max Speed 45 FPM

FILTERS

- Return.....10 Micron
- Replaceable Element

WORK RANGE

- 8" to 30"

DIMENSIONS

- Height68-1/4"
- Width43"
- Length.....179-1/4"
- Weight.....8,200 LBS

36RCBM SPECIFICATIONS

POWER TRAIN

ENGINE

- Deutz D914L06 Diesel
- 12VDC, 116 HP @ 2,300 RPM
- 276.6 FT/LB Peak Torque @ 1,600 RPM

TRANSMISSION

- Eaton Fuller FS-4205A, 5-Speed, 13" Clutch
- 1st Gear 8.05:1 Ratio
- 2nd Gear 4.35:1 Ratio
- 3rd Gear 2.45:1 Ratio
- 4th Gear 1.48:1 Ratio
- 5th Gear 1.00:1 Ratio
- Reverse 8.05:1 Ratio

MAXIMUM OUTPUT TORQUES AND AUGER SPEEDS

- 1st Gear 120,683 FT/LB - 5 RPM
- 2nd Gear 65,214 FT/LB - 10 RPM
- 3rd Gear 36,729 FT/LB - 17 RPM
- 4th Gear 22,188 FT/LB - 29 RPM
- 5th Gear 14,991 FT/LB - 42 RPM
- Reverse 120,683 FT/LB - 5 RPM

GEARBOX

- 54.2:1

AUGER DRIVE

- 4" Inch Hex Drive

OPERATOR STATION

- Wireless or Tethered Remote
- Complete Function

HYDRAULIC SYSTEM

PUMP

- Danfoss F74B
- 4,495 PSI Continuous/ 5,800 PSI Intermittent
- Pressure Compensated Load Sensing System
- 46.9 GPM @ 2,300 RPM

THRUST WINCH

- 65,000 LB @ 2,850 PSI, 2-Speed 7/8" Wire Rope
- WRAP PULL High Speed PULL Low Speed
- 131,100 LBS.....65,000 LBS
- 227,379 LBS.....57,222 LBS
- 324,453 LBS.....51,107 LBS
- 422,092 LBS.....46,172 LBS
- (All output forces are single line pull)
- Max Speed 24 FPM

FILTERS

- Return.....10 Micron
- Replaceable Element

WORK RANGE

- 8" to 36"

DIMENSIONS

- Height78-3/4"
- Width.....49"
- Length.....235-1/4"
- Weight.....12,500 LBS

48RCBM SPECIFICATIONS

POWER TRAIN

ENGINE

- Deutz TCD914L06 Air Cooled with Electric Start
- 174.2 HP @ 2,300 RPM Continuous Duty Rating
- 479.4 FT/LB Peak Torque @ 1,600 RPM

CLUTCH

- 13" Diameter

TRANSMISSION

- Eaton Fuller FS-4205, 5-Speed
- 1st Gear.....8.05:1 Ratio
- 2nd Gear.....4.35:1 Ratio
- 3rd Gear.....2.45:1 Ratio
- 4th Gear.....1.48:1 Ratio
- 5th Gear.....1.00:1 Ratio
- Reverse8.05:1 Ratio

MAXIMUM OUTPUT TORQUES AND AUGER SPEEDS

- 1st Gear209,254 FT/LB - 5 RPM
- 2nd Gear.....113,075 FT/LB - 10 RPM
- 3rd Gear.....63,686 FT/LB - 17 RPM
- 4th Gear.....38,472 FT/LB - 29 RPM
- 5th Gear.....25,994 FT/LB - 42 RPM
- Reverse209,254 FT/LB - 5 RPM

GEARBOX

- Fairfield S20B.....54.2:1 Ratio

AUGER DRIVE

- 5" Inch Hex Drive

HYDRAULIC SYSTEM

PUMP

- Danfoss F74B
- 4,495 PSI Continuous/ 5,800 PSI Intermittent
- Pressure Compensated Load Sensing System
- 46.9 GPM @ 2,300 RPM

THRUST WINCH

- 65,000 LB @ 2,850 PSI, 2-Speed 7/8" Wire Rope
- WRAP PULL High Speed PULL Low Speed
- 131,100 LBS.....65,000 LBS
- 227,379 LBS.....57,222 LBS
- 324,453 LBS.....51,107 LBS
- 422,092 LBS.....46,172 LBS
- Max Speed 24 FPM

FILTERS

- Return.....10 Micron
- Replaceable Element

WORK RANGE

- 8" to 48"

DIMENSIONS

- Height91-3/4"
- Width61"
- Length.....237-1/4"
- Weight.....15,500 LBS



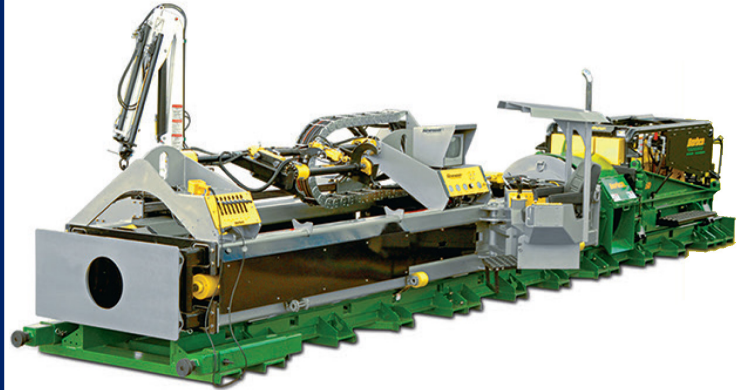
**PATHFINDER
TRIBOR DRILL**

**RING-O-MATIC
VACCUUM TRAILERS**



PATHFINDER PILOT TUBE STEERING SYSTEM

Pathfinder is specifically designed for Pilot Tube Guided Auger Boring. Its unique design provides for quick set-up to the ABM's centerline. Pathfinder is placed in front of the ABM and securely locks into its Master Pusher and Track. Hydraulic hoses are then connected to allow the Pathfinder to tap into the ABM's hydraulic system. For shorter pit set-up a Right Angle Thrust plate can be used in place of the ABM while the ABM is placed outside of the pit.



	T30-300	T36-500	T48-750
Maximum Rotation Torque:	33,741 ft-lbs (45746 Nm)	60,056 ft-lbs (81425 Nm)	80,620 ft-lbs (109306 Nm)
Maximum Cylinder Thrust Force:	282,743 lbs (141 Tons)	500,142 lbs (250 Tons)	737,961 lbs (368.5 Tons)
Maximum Cylinder Pullback Force:	186,532 lbs (93 Tons)	375,107 lbs (187.5 Tons)	592,191 lbs (296 Tons)
Maximum Rack & Pinion Thrust/Pullback Force:	31,104 lbs (15.5 Tons)	60,209 lbs (30 Tons)	122,262 lbs (61 Tons)
Pilot Tube Length:	VARIABLE	VARIABLE	VARIABLE





TRIBOR DRILL

Barbo's TriBOR is a multi-purpose drill offering the functions and setup of a standard auger boring machine, directional drill, and pilot tube system. It's a hybrid design that accommodates just about any down hole steering system whether a mud motor, air hammer, sonde housing, or camera assist target housing. The TriBOR does it all and provides a precise line and grade accessory in almost any ground condition. There are three TriBOR models to choose from T30-300, T36-500, and T48-750.

It takes torque to cut a hole! Each TriBOR is designed and built to match the output torque of its respective Auger Boring machine in 2nd gear! It is this feature that elevates TriBOR to the top of its class and therefore sets the bar for Guided Boring machines!

	T30-300	T36-500	T48-750
Maximum Rotation Torque:	32,736 ft-lbs (44384.06 Nm)	60,003 ft-lbs (81353.14 Nm)	80,004 ft-lbs (108470.86)
Maximum Cylinder Thrust Force:	299,709 lbs (136 Tons)	500,142 lbs (226 Tons)	737,961 lbs (334 Tons)
Maximum Cylinder Pullback Force:	197,724 lbs (90 Tons)	375,107 lbs (170 Tons)	592,191 lbs (269 Tons)
Maximum Rack & Pinion Thrust/Pullback Force:	31,104 lbs (14 Tons)	31,104 lbs (14 Tons)	60,209 lbs (27 Tons)
Pilot Tube Length:	2 ft - 10 ft (610mm - 3048mm)	2 ft - 10 ft (610mm - 3048mm)	2 ft - 10 ft (610mm - 3048mm)

RING-O-MATIC VACUUM TRAILERS

Ring-O-Matic offers a wide variety of vacuum excavation equipment with collection tank sizes ranging from 150 to 3000 gallons with diesel engine options up to 83 horsepower. Machines can be equipped to remove dirt and debris using water or air and can be configured to meet your exacting requirements.

U.S. Shoring & Equipment can help you explore the full line of Ring-O-Matic equipment and machines. Our experts work with you to identify the best machinery for unique applications, including:

- Hydro excavation of underground structures and utilities
- Construction site cleanup
- Cleanup efforts following a natural disaster
- Trench and pit cleaning



Features	550VLX	850V
Engine	31 Hp OHV Twin air-cooled gasoline	Electric start 21 Hp Honda OHV air cooled engine
CFM	600	230
Dimensions	15'8" L x 81" W x 78" H	20' L x 6' 1/4" W x 7' H
Tank capacity	2 x 100 gal.	800 gal.



**ADAPTERS
CUTTING HEADS
CASING ATTACHMENTS**

**TRENCH ROLLERS
PIERCING TOOLS
PIPE PULLERS
AIR COMPRESSORS**

ADAPTERS

From 2 1/4" Tru 5"
In Male To Female
or Straight Shank



BARBCO CUTTING HEADS

Flatface Rock And Dirt Heads
From 12" To 60" In Stock



CASING ATTACHMENTS

Casing Attachments
For 24", 36", 48" and 60"
Master Pushers In All Sizes

TRENCH ROLLERS

Sales & Rental

Wacker 24" and 36"
Remote Controlled Rollers



PIERCING TOOLS

TT Technology

Sizes:

2"
2.5"
3"
4"
5.75"



"PIPE TIGER" PIPE PULLERS

Pulls Pipe Dia From 36"- 96"

Pull Rates:

1-Part 12,000#
2-Part 22,000#
4-Part 43,000#



AIR COMPRESSORS

CPS185 – 185 CFM Compressor



TEST PLUGS
LASERS
CONFINED SPACE EQUIPMENT

BLOWERS
TRENCH BRIDGES
HANDRAIL SYSTEM



TEST PLUGS

Complete Line of Flow Through
Test Plugs 8" Through 78"
Vacuum Testing and Hydrostatic
Testing Equipment Available



LASERS

Sales & Rental

Full line of Trimble Construction Lasers.
New and used, single slope, dual slope and pipe.
Grade rods, tripods and targets. 24X Optical Units



CONFINED SPACE EQUIPMENT

Sales & Rental

8" AC Blower	848 CFM
8" Gas Blower	1277 CFM
12" AC Blower	2091 CFM

Winches, SRL And Tripods

BW Tech Gas Monitors



PIT BOSS

COMMANDAIR30



PIT BOSS COMMAND AIR

Pit Boss Command Air 30 Diesel

Length: 168"

Width: 94"

Height: 94"

Weight: 4,850 lbs.

Engine: Kubota Diesel (Tier 4)

HP: 37.5 HP

Max. Speed: 2400 RPM

Fuel Capacity: 29 gallons usable (35 gallons total)

Est. Run Time at Max. Speed: 12-13 hours

Air Volume: 30,000+ CFM at Rect. Opening
 (reducers and ducting will effect final air volume)



PIT BOSS TRENCH BRIDGES

O.S.H.A compliant and come with hand rails.

Length sizes are 8', 10' and 12'. Options are top platform, rolling assy and skids for moving bridge down the trench.



PIT BOSS GUARD – HANDRAIL SYSTEM

O.S.H.A compliant and come in 4', 6', 8' 10' and 12'

lengths. Mounting clamp can be used on 4", 6" and 8" wall trench shields





U.S. Shoring & Equipment Co.

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