



HIGH CLEARANCE ARCHES



THE LEADING PRODUCER & DISTRIBUTOR OF TRENCH SHIELDING & SHORING EQUIPMENT SINCE 1995

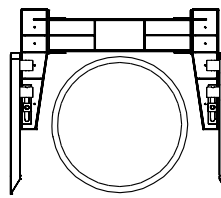
HIGH CLEARANCE ARCHES

Pro-Tec Equipment has three models of High Clearance Arches designed to meet the different requirements of a wide range of projects. The High Clearance Arch is designed to provide up to 10 feet of vertical clearance, the Ultra High Clearance Arch is designed to provide maximum vertical pipe clearance of up to 14 feet of vertical clearance when using a 10-foot-tall bottom shield, and the Pipeline High Clearance Arch, designed to be used with the Pro-Tec Equipment Pal3 trench shields, providing 6' of vertical clearance, while still keeping the overall weight of the system manageable to be used with a smaller excavator.

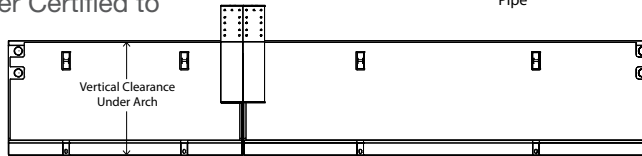
High Clearance Arch

The Pro-Tec Equipment Standard High Clearance Arch is designed to allow enough clearance for large diameter pipe, vaults, boring pits and other applications.

- Provides 10 feet of vertical clearance when used on a 10' tall trench shield
- Provides 8 feet of vertical clearance when used on an 8' tall trench shield.
- Designed to fit on all 8- and 10-foot tall Pro Series trench shields*
- Full range of bolt-on extensions to provide up to 20' of internal width
- Professional Engineer Certified to meet or exceed O.S.H.A. requirements



Large Diameter Pipe



Boring Shield System

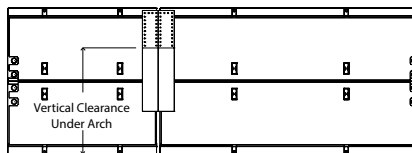
High Clearance Arch

Model	Description \ Length	Weight (Lb.)
HC-ARCH	(2) 18" WIDE LEGS	2800
EX-12	1' EXTENSION	660
EX-24	2' EXTENSION	820
EX-36	3' EXTENSION	980
EX-48	4' EXTENSION	1180
EX-60	5' EXTENSION	1390
EX-72	6' EXTENSION	1500
EX-84	7' EXTENSION	1660
EX-96	8' EXTENSION	1820
EX-108	9' EXTENSION	1960
EX-120	10' EXTENSION	2080
EX-132	11' EXTENSION	2240
EX-144	12' EXTENSION	2390
EX-156	13' EXTENSION	2550
EX-168	14' EXTENSION	2720
EX-180	15' EXTENSION	2880
EX-192	16' EXTENSION	3040
EX-204	17' EXTENSION	3190

Ultra High Clearance Arch

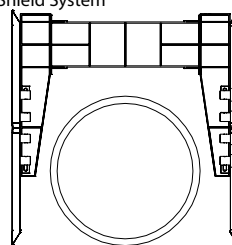
Pro-Tec Equipment's Ultra High Clearance Arch is designed for those projects that require maximum vertical pipe clearance. The Ultra High Clearance Arch is designed to incorporate two stacked trench shields (the top shield inverted) to achieve the desired clearance.

- Provides 14 feet of vertical clearance when using a 10' tall bottom shield
- Provides 12 feet of vertical clearance when using an 8' tall bottom shield
- Designed to fit 8- and 10-foot tall Pro 6 and Pro 8 trench shields*
- Full range of bolt-on extensions to provide up to 20' of internal width
- Professional Engineer Certified to meet or exceed O.S.H.A. requirements



Boring Shield System

Can easily pin on to new or existing Trench Shields. Custom Designs available



Extremely Large Diameter Pipe

Ultra High Clearance Arch

Model	Description \ Length	Weight (Lb.)
Ultra HC-ARCH	(2) 24" WIDE LEGS	5860
U-EX-12	1' EXTENSION	900
U-EX-24	2' EXTENSION	1260
U-EX-36	3' EXTENSION	1430
U-EX-48	4' EXTENSION	1820
U-EX-60	5' EXTENSION	2270
U-EX-72	6' EXTENSION	2180
U-EX-84	7' EXTENSION	2490
U-EX-96	8' EXTENSION	2690
U-EX-108	9' EXTENSION	2880
U-EX-120	10' EXTENSION	3100
U-EX-132	11' EXTENSION	3350
U-EX-144	12' EXTENSION	3540
U-EX-156	13' EXTENSION	3950
U-EX-168	14' EXTENSION	4180
U-EX-180	15' EXTENSION	4560
U-EX-192	16' EXTENSION	4860

HIGH CLEARANCE ARCHES

Pipeline High Clearance Arch

The Pro-Tec Equipment Pipeline High Clearance Arch is designed to allow enough clearance for large diameter pipe vaults, boring pits, as well as providing pipeline crews with the desired amount of clearance to work on joints, all while using our Pal-3, 8' tall trench boxes, keeping the overall weight of the system to an absolute minimum.

- Provides 6 feet of vertical clearance when used on a 8' tall trench shield
- Designed to fit on 8-foot tall Pal-3 Series trench shields*
- Full range of bolt-on extensions to provide up to 12' of internal width
- Professional Engineer Certified to meet or exceed O.S.H.A. requirements



Pipeline High Clearance Arch

Model	Description \ Length	Weight (Lb.)
HC-Pal-ARCH	(2) 24" WIDE LEGS	400
ALS-EX-12	12" EXTENSION	80
ALS-EX-18	18" EXTENSION	100
ALS-EX-24	24" EXTENSION	110
ALS-EX-30	30" EXTENSION	130
ALS-EX-36	36" EXTENSION	150
ALS-EX-42	42" EXTENSION	160
ALS-EX-48	48" EXTENSION	180
ALS-EX-54	54" EXTENSION	190
ALS-EX-60	60" EXTENSION	210
ALS-EX-66	66" EXTENSION	230
ALS-EX-72	72" EXTENSION	240
ALS-EX-78	78" EXTENSION	260
ALS-EX-84	84" EXTENSION	270
ALS-EX-90	90" EXTENSION	290
ALS-EX-96	96" EXTENSION	310

Aluminum High Clearance Arch

Designed to use the same extensions as the Pipeline High Clearance Arch, the Pro-Tec Equipment Aluminum High Clearance Arch enables enough vertical clear for large diameter structures while still keeping the overall system weight manageable. The Aluminum High Clearance Arch is able to be used on Pro-Tec Equipment ATS and MOD Systems.

- Provides 6 feet of vertical clearance when used on a 8' tall trench shield
- Designed to fit on 8-foot tall ATS and MOD Series trench shields
- Full range of bolt-on extensions to provide up to 12' of internal width
- Professional Engineer Certified to meet or exceed O.S.H.A. requirements



Pipeline High Clearance Arch

Model	Description \ Length	Weight (Lb.)
HC-ALS-ARCH	(2) 24" WIDE LEGS	500
ALS-EX-12	12" EXTENSION	80
ALS-EX-18	18" EXTENSION	100
ALS-EX-24	24" EXTENSION	110
ALS-EX-30	30" EXTENSION	130
ALS-EX-36	36" EXTENSION	150
ALS-EX-42	42" EXTENSION	160
ALS-EX-48	48" EXTENSION	180
ALS-EX-54	54" EXTENSION	190
ALS-EX-60	60" EXTENSION	210
ALS-EX-66	66" EXTENSION	230
ALS-EX-72	72" EXTENSION	240
ALS-EX-78	78" EXTENSION	260
ALS-EX-84	84" EXTENSION	270
ALS-EX-90	90" EXTENSION	290
ALS-EX-96	96" EXTENSION	310

*Collars on trench shields require special horizontal hole; contact Pro-Tec Equipment for details.



PRO-TEC EQUIPMENT

4837 West Grand River Ave
Lansing, MI 48906
Phone: 1-800-292-1225
Fax: (517) 827-3263
www.pro-tecequipment.com

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