

Air Powered Pipe, Piling & Storage Tank Cutting Saw



Standard APS-438
Low Radial Clearance APS-438LRC

Cut all alloys of steel pipe without "HAZ"

ESCO APS-438 and APS-438LRC Low Radial Clearance Air Powered Saws cut all alloys of steel pipe including ductile iron, concrete lined pipe, concrete pilings and storage tanks perfectly square and without a "HAZ" (Heat Affect Zone).

Key Features

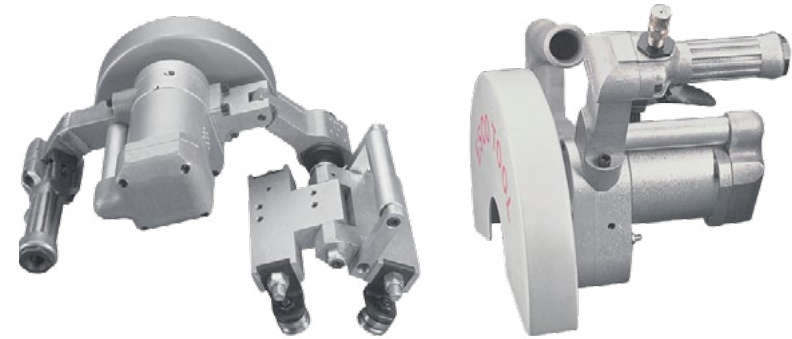
- Perfectly square cuts with no "HAZ" on pipe from 6.0" - 60.0" using Esco Wrap Tracks
- Low Clearance, only 6.25" (158.75 mm) with the APS-438LRC
- Using the Universal Pipe Trolley the Standard APS-438 boiler saw can be used on the Esco Wrap Track
- Scores concrete pilings for trimming to length
- Cuts concrete lined steel and ductile iron pipe cleanly
- Powerful 3 hp pneumatic motor
- The Flex Track attaches by tack welds to the side of any straight, contoured or cylindrical structure with a radius of 2.5 ft. or larger

Easily configured for a wide variety of applications

The MILLHOG® Air Powered APS-438LRC Low Radial Clearance and Standard APS-438 are operator friendly and effectively cut pipe and other metal structures perfectly straight with no "HAZ".

Esco Wrap Tracks securely clamp to the pipe O.D. and the trolley is attached to it for mounting the saw. This ultra-stable platform permits the operator to easily move the saw around the circumference to produce a clean, perfectly square cut. The Standard APS-438 with a pipe trolley and APS-438LRC are recommended for use with Esco Wrap Tracks.

Flex Tracks are attached to straight, contoured, cylindrical and serpentine surfaces by tack welding. The saw then slides onto it and the operator can easily and safely control the powerful cutting action for precise cuts.



The APS-LRC requires 6.0" (152.4 mm) clearance with Cut-Off blade plunged into pipe and has a cutting depth of 2.0" (50.8 mm).



APS-438 cuts 8.0" pipe cleanly and square with no "HAZ" and has a cutting depth of 4.0" (101.6 mm) using a 12.0" Cut-Off Blade.

The Flex Track attaches to straight, contoured, cylindrical and serpentine surfaces by tack welding. The saw then slides onto it and the operator can easily and safely control the powerful cutting action for precise cuts.



Scoring concrete pilings for height trimming. Concrete Cut-Off Blades are available in Diameters of up to 14".



Air Powered Saws Depth of Cut for Boiler Tube Panels

Model	APS-438 Standard	APS-438LRC Low Radial Clearance
Motor	3 hp (2237 W)	3 hp (2237 W)
Air Pressure	90 psi (6.2 bar)	90 psi (6.2 bar)
Air Volume	80 cfm (2265 lt/min)	80 cfm (2265 lt/min)
Speed	5050 rpm	5050 rpm
Radial Clearance	13.5in (343 mm) with 8in blade fully plunged into pipe	6in (152.4 mm) with 8in blade fully plunged into pipe
Cut Depth	4.375in (111.13 mm)	2.375in (60.3 mm)
Working Weight	28 lbs (12.7 kg)	30 lbs (13.6 kg)
Shipping Weight	65 lbs (29.5 kg)	68 lbs (30.85 kg)
Track 5 ft (1,524 mm)	19 lbs (9 kg)	N/A
Shipping Dimensions	27in x 15in x 11in 686 mm x 381 mm x 254 mm	27in x 15in x 11in 686 mm x 381 mm x 254 mm
Track	66in x 3in (1676 mm x 77 mm)	66in x 3in (1676 mm x 77 mm)

Pipe, Piling and Storage Tank Cutting Saw Accessories



Standard APS-438
Low Radial Clearance APS-438LRC
Wrap Track, Flex Track
Single Cut Bracket

ESCO Wrap Track, Trolley and Standard APS-438 system is simple to use.

Wrap Tracks are available in standard pipe sizes for pipe from 6.0" to 60.0".



Mount the Wrap Track to the pipe



Clamp into position



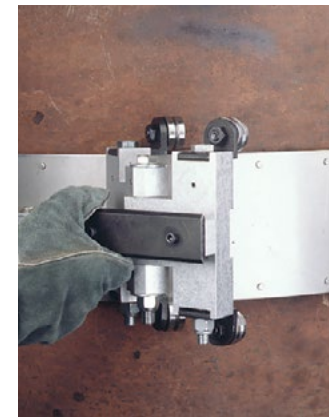
Mount Trolley



Adjust and Secure



Mount saw to trolley



Trolley is adjustable to fit all Esco Wrap Tracks



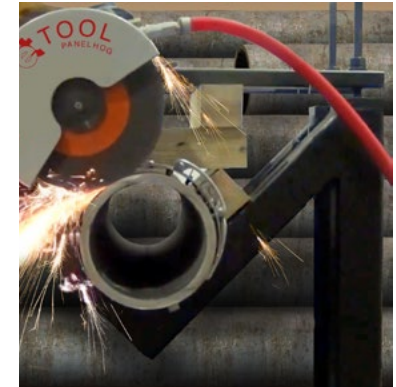
The Esco Wrap Track provides a stable platform for mounting the 3hp air driven saw and produce a clean perfectly square cut.



Set up and make a perfectly square cut on 10" sch. 160 pipe in under 10 minutes.



The Single-Cut Bracket turns the panel saw into a portable chop saw for quickly and accurately cutting pipe, tube or solid stock up to 4.0" O.D.



Concrete lined pipe can be cut cleanly. See the Video on our website showing this APS-438LRC with a 12" cut-off blade cutting this 8" concrete lined ductile iron pipe.



Flex Tracks attach to warped boiler tube panels and storage tanks and can be used for many applications requiring straight cuts. 6 ft lengths are standard.



Wrap Tracks are made of stainless steel for standard pipe sizes. Special sizes can be made to specification.

WrapTrack Selections

Part No.	EscoWrap Tracks
EW-06	EscoWrap Tracks, 6in
EW-08	EscoWrap Tracks, 8in
EW-10	EscoWrap Tracks, 10in
EW-12	EscoWrap Tracks, 12in
EW-14	EscoWrap Tracks, 14in
EW-16	EscoWrap Tracks, 16in
EW-18	EscoWrap Tracks, 18in
EW-20	EscoWrap Tracks, 20in
EW-22	EscoWrap Tracks, 22in
EW-24	EscoWrap Tracks, 24in
EW-26	EscoWrap Tracks, 26in
EW-28	EscoWrap Tracks, 28in
EW-30	EscoWrap Tracks, 30in
EW-32	EscoWrap Tracks, 32in
EW-34	EscoWrap Tracks, 34in
EW-36	EscoWrap Tracks, 36in
EW-38	EscoWrap Tracks, 38in
EW-40	EscoWrap Tracks, 40in
EW-42	EscoWrap Tracks, 42in
EW-44	EscoWrap Tracks, 44in
EW-46	EscoWrap Tracks, 46in
EW-48	EscoWrap Tracks, 48in
EW-50	EscoWrap Tracks, 50in
EW-52	EscoWrap Tracks, 52in
EW-54	EscoWrap Tracks, 54in
EW-56	EscoWrap Tracks, 56in
EW-58	EscoWrap Tracks, 58in
EW-60	EscoWrap Tracks, 60in
EW-60	EscoWrap Tracks, 60in

Air Powered Saws Depth of Cut for Pipes

Pipe Cutting - 6 - 60 (in) 4.0 (101.6 mm) Max cut depth 2.0 (50.8 mm) Max cut depth	APS-438 w/ independent Pipe Trolley and 12in Cut-Off Blade APS-438LRC Low Radial Clearance w/ built in Pipe Trolley and 8in Cut-Off Blade
Flex Track Tanks, serpentine surfaces 4.0in (101.6 mm)	APS-438 w/6 (ft) Flex track and 12in Cut-Off Blade