



Portable Reciprocating Saw

The TIGAIR SAW® reciprocating air saw is used in industrial and emergency service application. It is ideal for cutting many different types of material such as metal, plastic, fiberglass, dry wall, cement, and wood.

Specifications:

Weight	5.58 lbs.	The saw's light weight makes it suitable for one hand use if necessary
Size	1 5/8" W 5 3/4" H 16" L	The saw can be used in confined spaces because of it's small size
Hose Size	3/8"	Standard 3/8" hose size is recommended
Strokes per min.	0 to 1200	Can easily be adjusted during operations to maintain any speed from stop to 1200 strokes per minute.
Stroke Length	1-3/4"	Twin piston power provides for continuous smooth power during forward and rearward stroke
Air Consumption	6.5 cu. feet	The saw can utilize air from any source capable of generating 6.5 cu. feet of air per minute.
Air pressure	90-110 psi.	The saw operates at its best with 90 to 110 psi.
Blade	1/2" W x .025 to .035 T	The saw uses standard hacksaw, sectional band or modified reciprocating saw blades.



Operational Features:

Cutting efficiency

Maximum cutting efficiency is on the back stroke. By cutting on the back stroke, the saw creates greater stability, because it is not pushing the work away. This characteristic helps eliminate vibration. However, the saw will cut with teeth facing either direction and in an upward or downward position.

Non-sparking

The saw is pneumatic; therefore, there is no electrical source to cause motor arcing, which makes it inherently non-sparking, thus ignition and explosion resistant.

Self-lubrication

The saw and blade are self-lubricating. This safety feature facilitates cutting and enhances the non-sparking characteristic of the saw.

Submersible

The saw is a true all weather and condition tool. It can be safely used under fresh or salt water, fire retardant foam, oil, mud, slurries and hazardous material.

Non-vented areas

The saw can be used in non-vented areas without fear of poisoning, carbon monoxide asphyxiation and oxygen displacement by carbon dioxide because it does not emit noxious fumes or carbon dioxide.

Quiet operation

The saw is surprisingly quiet because of its silencer sleeve.

Blade length

The saw needs only two inches of blade or less protruding beyond the nose piece when the blade is fully retracted.

Blade changing

Only two set screws need to be loosened or tightened to remove or install a blade.

Diving adapter

A special diving adapter that diverts the exhaust air bubbles to a hose and away from the diver's field of vision for prolonged undersea operations is available.

Air hose length

The saws operating performance is not affected by the length of the air hose.

The TIGAIR SAW® will do the job safely and efficiently. If additional information is needed please contact your supplier.