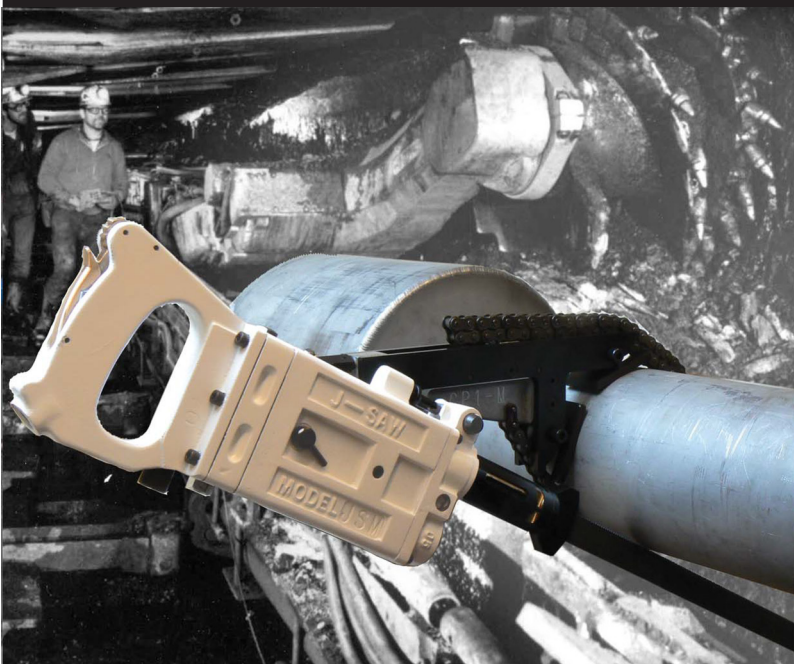




## JSM

ATEX certified professional quality cold cutting air saw for underground coalmining. The best air saw and blades for all maintenance applications - cutting steel pipe, beams, chains and rusty bolts.

Supplied in a carrying case complete with pipe/profile clamp and blade guide to ensure straight cutting.

Use Cengar Grey blades 300mm and 450mm long in 6, 8, 10/14 or 14 tpi depending on material being cut. Number of teeth in contact should be a minimum of 3 and a maximum of 10. The quality and condition of steel being cut will vary significantly and it will always be beneficial to test the cutting performance and speed by using more than one type of blade. Our information should be used as a guide.

## Reduce your maintenance costs in a safe working environment

### Safety Features

- Cold cutting
- ATEX certified 1 M 2 Ex I Mb
- Low vibration exposure
- All saws except JSZ can be fitted with accessory for safe working heights and have emergency stop buttons
- Use Cengar branded high quality shatterproof blades

### Operation Features

- High quality providing long reliable life
- Low air consumption - maximum 5.75 cfm
- Lightweight and easy to use
- Easy to repair on site.
- Use with Cengar green oil which lubricates the pistons and helps to remove moisture found in airlines
- All saws supplied in a carrying case complete with blades and oil

| Technical Specification    |                                                 | Blades                                        | Dimensions              | tpi               |
|----------------------------|-------------------------------------------------|-----------------------------------------------|-------------------------|-------------------|
| Standard Nosepiece         | 25mm (1")                                       | 305 x 25 x 1.6mm                              | 12" x 1" x 1 / 16"      | 6, 8, 10 / 14, 14 |
| Air Consumption            | 5.75 Cfm (0.168m <sup>3</sup> /min)             | 457 x 25 x 1.6mm                              | 18" x 1" x 1 / 16"      | 6, 8, 10 / 14, 14 |
| Weight                     | 6.9Kgs (15lbs)                                  |                                               |                         |                   |
| Length                     | 448mm (17 5/8")                                 |                                               |                         |                   |
| Height                     | 141mm (2 1/8")                                  |                                               |                         |                   |
| Width                      | 54mm (2 1/8")                                   |                                               |                         |                   |
| Air pressure               | 5-6 Bar                                         | <b>Recommended tpi for cutting steel pipe</b> |                         |                   |
| Sound Pressure Level       | 80.5 dB(A)                                      | wall thickness mm                             | tpi                     |                   |
| Vibration                  | under 2.5m/s <sup>2</sup> because not hand held | 3.2                                           | 12 or 14, 10 or 10 / 14 |                   |
| Speed - strokes per minute | 400 / 600 with trigger lock                     | 4.8                                           | 8 or 10 / 14            |                   |
| Stroke                     | 57mm (2 1/4")                                   | 9.5                                           | 6                       |                   |

New ATEX Regulations effective 1st November 2019

1. Classification based on using a Thermal Imaging Camera to test saws using excessive force to cut a range of steels and composites with Cengar blades.
2. To comply with ATEX Certification regulations it is necessary to use Cengar branded blades with Cengar saws