

We recommend normal safe working practices should be followed as per the Health and Safety at Work Act, or the appropriate National and State Laws. We recommend that eye and ear protection be worn when using Cengar Saws.

SPECIFICATIONS	
Speed	1200 strokes per minute
Stroke	45mm
Air Consumption	0.168m ³ /minute
Air Pressure	5-6 Bar
Weight	2.5Kgs
Length	400mm
Height	135mm
Width	40.6mm
Vibration Level Averaged	3.2m/s ²
Sound Pressure Level	82.9dbA
Sound Power Level	92.4dbA
CL50 Atex Certification	Ex II 2G Ex h IIC T2 Gb
CL75 Atex Certification	Ex II 2G Ex h IIC T3 Gb

Each machine is marked with a serial number, which contains the year and month of construction, along with an identifier number.

Serial number example:



- CE Ex CL50 II 2G Ex h IIC T2 Gb Machine identified as shown,
 CE Ex CL75 II 2G Ex h IIC T3 Gb nose piece not to be interchanged

We the undersigned, declare under our sole responsibility that the following apparatus:

Machine Description	Cengar Air Saw
Machine Type	CL50 & CL75

Is in conformity with the following relevant EC legislation:

Machinery Directive	2006/42/EC
Atex Directive	2014/34/EU

Based on the following Harmonised Standards:

EN ISO 4414:2010	EN ISO 80079-36:2016
EN ISO 80079-37:2016	EN 60079-0:2018

And therefore complies with the essential requirements of those directives.
 The following ignition hazards have been identified when the equipment is in use, hot surfaces, mechanical sparks, electrostatic charging. These are mitigated as the equipment was designed to meet the requirements of protection concept constructional safety "c".

ADDITIONAL INFORMATION

ATEX Coding	CL 50 Ex II 2G Ex h IIC T2 Gb CL 75 Ex II 2G Ex h IIC T3 Gb
Notified Body (Atex holding technical file)	Element Materials Technology Rotterdam B.V. Voorerf 18, 4824 GN Breda, Netherlands
Identification Number	2812
Certificate No.	EMT18ATEX 0032X
Authorised Signature	
Date	06/02/2020
Title of Signatory	Technical Manager - Cengar Ltd. Springfield Works, Saddleworth Road, Greetland, Halifax HX4 8LZ
Special Conditions of Safe Use (on the certificate)	<ol style="list-style-type: none"> Suitably approved static dissipating or conductive air hose only to be attached to the equipment and terminated to the air supply. Operator to ensure that there is less than 1 Ohm resistance between the ground at the air source and any metallic object to be cut with the equipment. The equipment shall be supplied from a clean air source in an area known to not contain a potentially explosive atmosphere. A filter must be fitted to the supply compressor inlet to prevent dust airflow within the equipment. To comply with ATEX certification regulations it is necessary to use Cengar branded Blades with Cengar Saws.

- Under normal working conditions can be used in a Zone 1 environment.
- Classification based on tests cutting a selection of steels & composite materials (MB, MC, Yellow, JSZ J Blades).

