



Screwdriving Technology

Automation

Air Motors

Air Tools



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machines unlimited

## Air Chain

- ATEX-compliant - for the use in potentially explosive environments
- safety (safety chain brake, integrated hand-safety)
- automatic chain lubrication
- possible motor speed regulation by lever
- simple to operate and maintain

### High cutting speed

The powerful and innovative motor assures a high power output even when operated at a lowered air pressure of 4-bar. The high cutting speed reduces the duration needed for cutting and simplifies the operation.

### Robust all-metal design

The robust all-metal design is not only designed for the use in potentially explosive environments.

### Integrated safety brake

The saw has an integrated safety brake that avoids injury to the operator when the saw stalls.

### Automatic lubrication system

The integrated automatic lubrication system assures an optimum uptime of the chain saw.

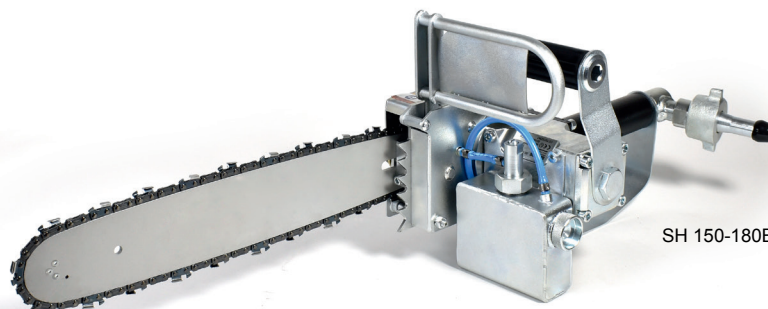
### Highly durable

Due to the robust construction and the applied materials, this saw is well-suited for the use in 24/7 industrial areas and assures a high reliability.

### ATEX-compliant

Our ATEX-compliant Chain Saw conforms to the highest requirements for tools used in explosion hazardous environments in accordance with norm IM2cXII GcII BT4 (130°C) X.

The robust all-metal saw is well-suited for the heavy-duty 24/7 industrial operation. The chain saw has sufficient power even when operated at reduced pressure (in mining) The high cutting speed is the basis for an efficient operation. Additionally, the integrated automatic lubrication system assures an optimum uptime of the chain saw.



SH 150-180BX

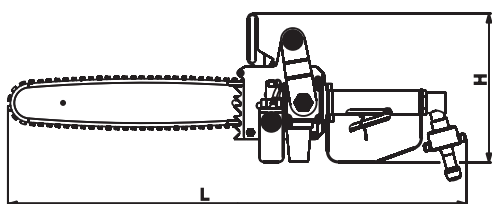


CE  IM2c X II 2 G c II B T4 (130°C) X



# SPECIFICATIONS - CHAIN SAW

## Design



### SH 150-180 BX

- X = Safety lever
- B = Basic design
- Speed x 100 [min<sup>-1</sup>], 180 = 18 000 min<sup>-1</sup>
- Power x 10 [W], 150 = 1 500W
- SH = Chain saw

Chain saw	Model	SH 150-180BX
Safety lever	Part No.	6061125A
Speed (no load)	min <sup>-1</sup> (rpm)	18 000
Air consumption (no load/max. power)*	m <sup>3</sup> /min (cfm)	2,95/2,3 (104.17/ 81.22)
Max. power output	kW (hp)	1,5 (2.01)
Weight	kg (lbs)	7,6 (16.75)
Max. length of chain bar	mm (in)	350 (13.78)
Max. cutting diameter	mm (in)	340 (one side) / 690 (both sides) (13.38/27.17)
Chain lubrication		automatic
Volume, oil container	dm <sup>3</sup>	0,25
Chain brake		automatic chain brake
Measured and certified emission-level for acoustic-pressure A, L <sub>pAeq,T</sub> (dB/20μPa), measured at no-load according to Norm EN ISO 11 201		102
Measured and certified emission-level for acoustic-power A, L <sub>WA,G</sub> (dB/1pW), measured at no-load according to Norm EN ISO 3746		117
Certified acceleration-value of the vibration being transferred to hand-armsystem a <sub>hvd</sub> (m/s <sup>2</sup> ), measured at no-load according to Norm EN ISO 20 643		< 2,5
Air connection		Rd 32
Dimensions LxH	mm (in)	694x225 (27.3x8.9)

\* Measured by 6,3 bar  
 Operating pressure - EX-area: 4 bar  
 Operating pressure - NON EX-area 6,3 bar

Standard Equipment:	Part Number
Wrench 13 / 17 mm	830751
Allen key 4 mm	800447
Protective cover	6075819
Oil for chain	830752
File ø 4	6071987
Chain bar	6072217
Chain	6072218
Nozzle	6013825
Screw cap	6014168

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