



# ATEX Classified Power Tools Ensure a High Level of Safety in Explosive Atmospheres

ATEX Directive 94/9/EC defines requirements for controlling explosive atmospheres, as well as the standards for the equipment used in them. An explosive atmosphere is an atmosphere where enough flammable gas, mist, vapor or dust is mixed with air to cause an explosion if ignition occurs.

### What is ATEX?

ATEX (ATmospheres EXplosibles) is a directive for those who design, manufacture or sell any equipment intended for use in potentially explosive atmospheres. Technical and quality objectives must be certified by a third-party certification association. The ATEX directive has been a legal requirement for all European Union States since July 2003. The ATEX symbol is recognized internationally, providing assurance to users around the world that the product was manufactured to high levels of safety.

### How are ATEX tools classified?

Five elements are used to ensure that a specific piece of equipment is appropriate for its intended purpose and can be safely used in a particular application. These five elements are: 1. Industrial or Mining Application; 2. Equipment Category; 3. Atmosphere; 4. Gas; and 5. Temperature (see chart below).

### What types of tools receive ATEX certification?

Pneumatic, hydraulic and electric power tools for construction and industry can be ATEX certified. CS Unitec offers a comprehensive line of power tools for the oil, gas and energy industries. ATEX certified power tools from our line include select models of reciprocating saws, hacksaws, rotary hammer drills, impact wrenches, portable band saws, nut runners, magnetic drills, axial fans and more.

### How can I tell if my tool is ATEX certified?

The tool will be marked with the appropriate ATEX classification label and Ex symbol

Equipment Group	Equipment Category	Atmosphere	Gas Groups	Temperature <small>(tool surface temp. does not exceed)</small>
<b>II</b> Surface Industry	<b>1</b> Very High Level of Protection <small>[Zone 0, 1, 2 or 20, 21, 22]</small>	<b>Gc</b> Atmosphere Containing Gas, Vapors or Mist	<b>IIA</b> Propane (acetone, petroleum fuel, ammonia, ethane, methanol, carbon monoxide, propane, n-butane, ethanol, diesel fuel, kerosene, avgas fuel, ethyl nitrite)	<b>T1</b> 842°F/450°C
	<b>2</b> High Level of Protection <small>[Zone 1, 2 or 21, 22]</small>	<b>Dc</b> Atmosphere Containing Dust		<b>T2</b> 572°F/300°C
	<b>3</b> Normal Level of Protection <small>[Zone 2 or 22]</small>			<b>T3</b> 392°F/200°C
<b>IM</b> Mining Applications (underground and above-ground facilities)	<b>1</b> Very High Level of Protection <small>[Zone 0, 1, 2 or 20, 21, 22]</small>	<b>Dc</b> Atmosphere Containing Dust	<b>IIB*</b> Ethylene (coal gas, ethylene, ethyl oxide, hydrogen sulphide)	<b>T4</b> 275°F/135°C
	<b>2</b> High Level of Protection <small>[Zone 1, 2 or 21, 22]</small>			<b>T5</b> 212°F/100°C
	<b>3</b> Normal Level of Protection <small>[Zone 2 or 22]</small>			<b>T6</b> 185°F/85°C

**CAUTION: The user is responsible for following all safety regulations (OSHA, etc.) when choosing the appropriate tool for the hazards present.**

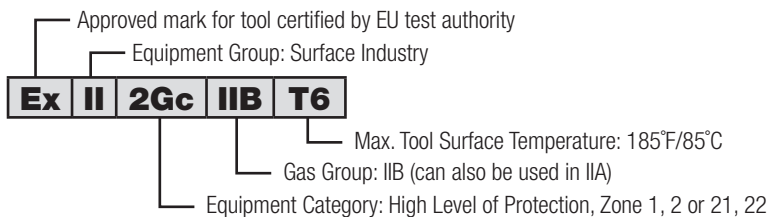
For ATEX information, visit: <http://ec.europa.eu/growth/sectors/mechanical-engineering/atex/>

For more information and product specifications on CS Unitec's ATEX classified industrial power tools, call 1-800-700-5919 (203-853-9522 international) or email [info@csunitec.com](mailto:info@csunitec.com).

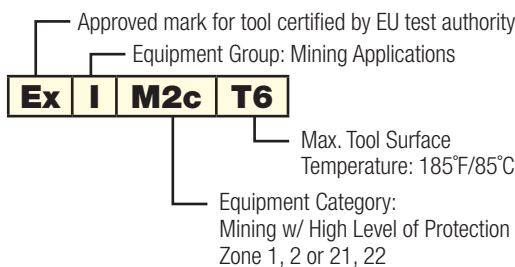
For a FREE poster explaining Ex zones, visit [www.csunitec.com/poster](http://www.csunitec.com/poster).

### Tool Classification Examples:

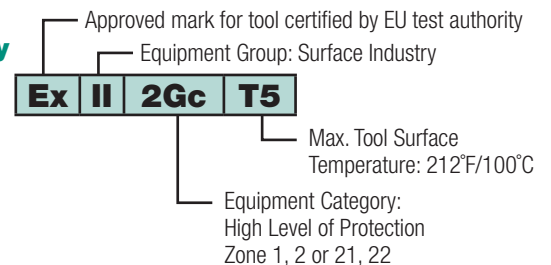
Industry with explosion group for specified types of gas:



Mining:



Industry for all types of gas:



**ATEX Classified Power Tools for Ex and Hot Work Zones – Air & Hydraulic**

Classification	Industry	Level of Protection	Atmosphere	Temperature
Ex II 2Gc T6	Surface	High (Zone 1, 2 or 21, 22)	Contains gas, vapors or mists	Surface does not exceed 185°F/85°C
Ex II 2Gc IIB T6	Surface	High (Zone 1, 2 or 21, 22)	Contains gas, vapors or mists	Surface does not exceed 185°F/85°C
Ex II 2Gc T5	Surface	High (Zone 1, 2 or 21, 22)	Contains gas, vapors or mists	Surface does not exceed 212°F/100°C
Ex II 2Gc IIA T4	Surface	High (Zone 1, 2 or 21, 22)	Contains gas, vapors or mists	Surface does not exceed 275°F/135°C
Ex II 2Gc IIB T5	Surface	High (Zone 1, 2 or 21, 22)	Contains gas, vapors or mists	Surface does not exceed 212°F/100°C
Ex II 2Gc IIB T3	Surface	High (Zone 1, 2 or 21, 22)	Contains gas, vapors or mists	Surface does not exceed 392°F/200°C
Ex I M2c T6	Mining	High (Zone 1, 2 or 21, 22)		Surface does not exceed 185°F/85°C
Ex I M2c T5	Mining	High (Zone 1, 2 or 21, 22)		Surface does not exceed 212°F/100°C

**Drills & Drive Units: Pneumatic**



Model No.	Power Type	Description	ATEX Classification
2 2089 0010	Pneumatic	Drill, MT3 Lever Throttle, 1-1/4" in steel, Reversible, 250 RPM, 1.7 HP	Ex II 2Gc T6
2 2085 0010	Pneumatic	Drill, MT2 Lever Throttle, 1.7 HP	Ex II 2Gc T6
2 2082 0010	Pneumatic	Drill, MT3 Lever Throttle, 1.7 HP, 20 RPM	Ex II 2Gc T6
2 2084 0010	Pneumatic	Drill, MT2 Lever Throttle, 1.7 HP, 200 RPM	Ex II 2Gc T6
2 1266 0010	Pneumatic	Drill, 1/2", Pistol Grip	Ex II 2Gc T6
2 1260 0010	Pneumatic	Drill, 3/8", Pistol Grip	Ex I M2c T6
2 1261 0010	Pneumatic	Drill, 1/2", Pistol Grip	Ex I M2c T6
2 1310 0010	Pneumatic	Drill, 1/2" Geared Chuck & Key, D-Handle	Ex I M2c T6
2 1310 0020	Pneumatic	Drill, 1/2", Quick Chuck, D-Handle	Ex I M2c T6
2 1311 0010	Pneumatic	Drill, MT1, D-Handle	Ex I M2c T6

**Rotary Hammer Drills: Pneumatic**



Model No.	Power Type	Description	ATEX Classification
2 2404 0010	Pneumatic	Rotary Hammer Drill, 1", SDS Plus, 0-2000 Blows per Minute	Ex II 2Gc T6
2 2408 0010	Pneumatic	Rotary Hammer Drill, 1", SDS Plus, For Underground Mining	Ex I M2c T6

**Corner Drills: Pneumatic**



Model No.	Power Type	Description	ATEX Classification
2 1701 0010	Pneumatic	Corner Drill, MT2, Lever Throttle	Ex I M2c T6
2 1701 0030	Pneumatic	Corner Drill, MT2, Roll Throttle	Ex I M2c T6
2 1801 0010	Pneumatic	Corner Drill, MT3, Lever Throttle	Ex I M2c T6
2 1801 0030	Pneumatic	Corner Drill, MT3, Roll Throttle	Ex I M2c T6

**Nut Runners: Pneumatic**



Model No.	Power Type	Description	ATEX Classification
6 1014 0010	Pneumatic	Nut Runner, 1/2" Sq. Drive, 180 RPM	Ex I M2c T6
6 1055 0010	Pneumatic	Nut Runner, 3/4" Sq. Drive, 22 RPM	Ex I M2c T6
6 1056 0010	Pneumatic	Nut Runner, 3/4" Sq. Drive, 120 RPM	Ex I M2c T6
6 1057 0010	Pneumatic	Nut Runner, 3/4" Sq. Drive, 125 RPM	Ex I M2c T6
6 1061 0010	Pneumatic	Nut Runner, 7/8" Sq. Drive, 22 RPM	Ex I M2c T6

**ATEX Classified Power Tools for Ex and Hot Work Zones – Air & Hydraulic**

See page 89 for more information on Impact Wrenches

**Impact Wrenches: Pneumatic & Hydraulic**

Model No.	Power Type	Description	ATEX Classification
6 1034 0010	Pneumatic	Impact Wrench, 1/2", 450 ft-lbs Torque	Ex II 2Gc T6
6 1316 0040	Pneumatic	Impact Wrench, 1", 995 ft-lbs Torque	Ex II 2Gc T6
6 1316 0050	Pneumatic	Impact Wrench, 3/4", 995 ft-lbs Torque	Ex II 2Gc T6
6 1410 0010	Pneumatic	Impact Wrench, 1", 1620 ft-lbs Torque	Ex II 2Gc T6
6 1417 0040	Pneumatic	Impact Wrench, 1-1/2", 3240 ft-lbs Torque	Ex II 2Gc T6
6 1515 0010	Hydraulic	Impact Wrench, 3/4", 1220 ft-lbs Torque	Ex II 2Gc T5
6 1514 0010	Hydraulic	Impact Wrench, 1", 1220 ft-lbs Torque	Ex II 2Gc T5
6 1035 0010	Pneumatic	Impact Wrench, 1/2", 450 ft-lbs Torque	Ex I M2c T6
6 1312 0010	Pneumatic	Impact Wrench, 3/4", 1327 ft-lbs Torque	Ex I M2c T6
6 1316 0010	Pneumatic	Impact Wrench, 1", 995 ft-lbs Torque	Ex I M2c T6
6 1316 0020	Pneumatic	Impact Wrench, 3/4", 995 ft-lbs Torque	Ex I M2c T6
6 1411 0020	Pneumatic	Impact Wrench, 1", 1620 ft-lbs Torque	Ex I M2c T6
6 1417 0010	Pneumatic	Impact Wrench, 1-1/2", 3240 ft-lbs Torque	Ex I M2c T6
6 1412 0010	Pneumatic	Impact Wrench, 1", 1364 ft-lbs Torque	Ex I M2c T6
6 1430 0010	Pneumatic	Impact Wrench, 1", 1900 ft-lbs Torque	Ex I M2c T6
6 1518 0010	Hydraulic	Impact Wrench, 3/4", 1220 ft-lbs Torque	Ex I M2c T5
6 1519 0010	Hydraulic	Impact Wrench, 1", 1220 ft-lbs Torque	Ex I M2c T5

**Portable Magnetic Drills: Pneumatic & Hydraulic**

Model No.	Power Type	Description	ATEX Classification
AB 4300-2	Pneumatic	AIRBOR Mag Drill, (2 1330 0010), 2-1/16" dia.	Ex II 2Gc T6
AB 4300-2R	Pneumatic	AIRBOR Mag Drill Extend Rack, (2 1330 0030), 2-1/16" dia.	Ex II 2Gc T6
2 1345 0010	Hydraulic	Mag Drill, 4" dia.	Ex II 2Gc IIB T5

**Core Drill: Pneumatic**

Model No.	Power Type	Description	ATEX Classification
2 1336 0010	Pneumatic	Core Drill, 3.75 HP	Ex I M2c T6



**ATEX Classified Power Tools for Ex and Hot Work Zones – Air & Hydraulic**

Classification	Industry	Level of Protection	Atmosphere	Temperature
Ex II 2Gc T6	Surface	High (Zone 1, 2 or 21, 22)	Contains gas, vapors or mists	Surface does not exceed 185°F/85°C
Ex II 2Gc IIB T6	Surface	High (Zone 1, 2 or 21, 22)	Contains gas, vapors or mists	Surface does not exceed 185°F/85°C
Ex II 2Gc T5	Surface	High (Zone 1, 2 or 21, 22)	Contains gas, vapors or mists	Surface does not exceed 212°F/100°C
Ex II 2Gc IIA T4	Surface	High (Zone 1, 2 or 21, 22)	Contains gas, vapors or mists	Surface does not exceed 275°F/135°C
Ex II 2Gc IIB T5	Surface	High (Zone 1, 2 or 21, 22)	Contains gas, vapors or mists	Surface does not exceed 212°F/100°C
Ex II 2Gc IIB T3	Surface	High (Zone 1, 2 or 21, 22)	Contains gas, vapors or mists	Surface does not exceed 392°F/200°C
Ex I M2c T6	Mining	High (Zone 1, 2 or 21, 22)		Surface does not exceed 185°F/85°C
Ex I M2c T5	Mining	High (Zone 1, 2 or 21, 22)		Surface does not exceed 212°F/100°C



**Mixers: Pneumatic**

Model No.	Power Type	Description	ATEX Classification
7 1114 0010	Pneumatic	Mixer, 0-440 RPM, M14 connection, Twist Throttle, 51 CFM @ 90 PSI	Ex I M2c T6
7 1114 0020	Pneumatic	Mixer, 0-440 RPM, M14 connection, Lever Throttle, 51 CFM @ 90 PSI	Ex I M2c T6



**Chain Saws: Pneumatic & Hydraulic**

Model No.	Power Type	Description	ATEX Classification
5 1026 0010	Pneumatic	Chain Saw, Air, Aluminum Housing With Brake	Ex II 2Gc T5
5 1027 0010	Pneumatic	Chain Saw, Air, For Plastic With Brake	Ex II 2Gc T5
5 1028 0010	Pneumatic	Underwater Chain Saw, Air, With Brake	Ex II 2Gc T5
5 1029 0010	Pneumatic	Chain Saw, Air, with Chain Brake	Ex I M2c T5
5 1030 0010	Hydraulic	Underwater Chain Saw, Hydraulic, with Chain Brake	Ex II 2Gc IIB T5



**Band Saws: Pneumatic**

Model No.	Power Type	Description	ATEX Classification
5 6003 0010	Pneumatic	AirBand Saw, Air	Ex II 2Gc T6
5 6030 0010	Pneumatic	AirBand Saw, Air, 4" x 4" Cutting, Stainless Steel Frame	Ex I M2c T6
5 6031 0010	Pneumatic	AirBand Saw, Air, 7" x 7" Cutting, Stainless Steel Frame	Ex I M2c T6
5 6032 0010	Pneumatic	AirBand Saw, Air, 4" x 7" Cutting, Stainless Steel Frame	Ex I M2c T6



**Dry Cutting Circular Saw: Pneumatic**

Model No.	Power Type	Description	ATEX Classification
5 1115 0020	Pneumatic	Circular Saw, 9" Dia.	Ex II 2Gc T5



**Vacuum: Pneumatic**

Model No.	Power Type	Description	ATEX Classification
KAV30	Pneumatic	Vacuum	Ex II 2Gc T6



**ATEX Classified Power Tools for Ex and Hot Work Zones – Air & Hydraulic**



**Hacksaws: Pneumatic & Hydraulic**

Model No.	Power Type	Description	ATEX Classification
5 1212 0010	Pneumatic	Hacksaw, Roll Throttle	Ex II 2Gc T5
5 1212 0050	Pneumatic	Hacksaw, Lever Throttle	Ex II 2Gc T5
5 1220 0010	Hydraulic	Hacksaw, Roll Throttle	Ex II 2Gc T5
5 1213 0010	Hydraulic	Hacksaw, Roll Throttle, ZAMAK	Ex I M2c T5
5 1213 9500		Magnetic Clamping Device for Hacksaw	Ex I M2c T5

**Reciprocating Saws: Pneumatic & Hydraulic**



Model No.	Power Type	Description	ATEX Classification
5 1217 0020	Pneumatic	Reciprocating Saw, 1.3 HP	Ex II 2Gc T5
5 1219 0010	Hydraulic	Reciprocating Saw	Ex II 2Gc T5
PL905	Pneumatic	Reciprocating Saw, 1 HP	Ex II 2Gc T5
CL50	Pneumatic	Reciprocating Saw, 1 HP	Ex II 2Gc T5
CL75	Pneumatic	Reciprocating Saw, 1 HP	Ex II 2Gc T5
JP901	Pneumatic	Reciprocating Saw, 1 HP	Ex II 2Gc T5



**Pipe Cutting Machines: Pneumatic & Hydraulic**

Model No.	Power Type	Description	ATEX Classification
5 8002 7000	Pneumatic	Pipe Cutting Drive Unit, 2.4 HP	Ex II 2Gc T6
5 8010 0050	Pneumatic	Pipe Cutting Drive Unit, 4 HP	Ex II 2Gc T6
5 8006 7000	Hydraulic	Pipe Cutting Drive Unit, 4 HP	Ex II 2Gc T6

**Needle Scalers: Pneumatic**



See page 88 for more information on Needle Scalers

Model No.	Power Type	Description	ATEX Classification
139.2103	Pneumatic	Needle Scaler, 2400 BPM, 4 CFM @ 90 PSI, dust shroud	Ex II 2Gc IIA T4
139.2303	Pneumatic	Needle Scaler, 2400 BPM, 4 CFM @ 90 PSI, dust shroud	Ex II 2Gc IIA T4
139.2433	Pneumatic	Needle Scaler, 3000 BPM, 5 CFM @ 90 PSI, dust shroud	Ex II 2Gc IIA T4

**Axial Fans: Pneumatic and Electric**



See pages 90-91 for more information on Axial Fans



Model No.	Power Type	Description	ATEX Classification
8 1611 0300	Pneumatic	Axial Fan, 12" Dia.	Ex II 2Gc IIB T6
8 1531 0300	Pneumatic	Axial Fan, 12" Dia.	Ex II 2Gc IIB T6
8 1533 0300	Pneumatic	Axial Fan, 20" Dia.	Ex II 2Gc IIB T6
8 1534 0300	Pneumatic	Axial Fan, 24" Dia.	Ex II 2Gc IIB T6
8 1020 0840	Electric	Axial Fan, 12" Dia., 110 Volt, 50 Hz, Single Phase	Ex II 2Gc IIB T3
8 1020 0140	Electric	Axial Fan, 12" Dia., 230/440 V 50 Hz, 3-Phase	Ex II 2Gc IIB T3
8 1020 0870	Electric	Axial Fan, 12" Dia., 230 Volt, 50 Hz, Single Phase	Ex II 2Gc IIB T3
8 1020 0850	Electric	Axial Fan, 12" Dia., 110 Volt, 50 Hz, Single Phase	Ex II 2Gc IIB T3
8 1020 0860	Electric	Axial Fan, 12" Dia., 110 Volt, 50/60 Hz, Single Phase	Ex II 2Gc IIB T3



# Specially-designed for use in hazardous environments – equipped with Vibro-Lo™ low vibration technology



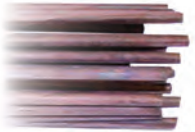
**For use in hazardous environments and ATEX and Ex Zones**

These specially engineered Trelawny VL203Ex, VL223Ex and VL303Ex needle scalers are:

- Fully certified to the classification: EX II 2Gc IIA T4 under the European Directive 94/9/EC
- Ideal for use in oil, gas & petrochemical industries such as refineries, offshore platforms, LPG terminals and all chemical processing environments.



See page 59 for Non-Sparking Copper Beryllium (CuBe) replacement needles



Grip	Description	Model Number	Needle Qty./Dia.	Weight (lbs.)	Blows per min.	CFM @ 90 PSI	Noise Level db(A)	Vibration Levels m/s <sup>2</sup>
Inline	VL223Ex Needle Scaler with dust shroud	139.2103	19 / 3mm	5.25	2400	4	90.7	2.56
Pistol	VL203Ex Needle Scaler with dust shroud	139.2303	19 / 3mm	6	2400	4	90.7	2.75
	VL303Ex Needle Scaler with dust shroud	139.2433	28 / 3mm	7.75	3000	5	109.5	2.3



VL233Ex

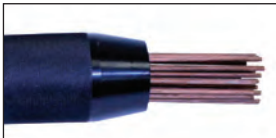


VL203Ex



VL303Ex

## Standard Features



Copper Beryllium needles – high strength with non-sparking and non-magnetic properties



Dust shroud to protect user from hazardous dust and debris



Fall arrestor eliminates the risk of dropping the tool causing injury or equipment damage



Kit includes ATEX-Certified needle scaler, extra set of Copper Beryllium needles, dust shroud, corner cuff, edge cuff, flat cuff and fall arrestor.

### Optional Accessory

Anti-static lanyard available for use with the fall arrestor (P/N 415.3003)



Vibro-Lo™ technology operates with 7x less vibration than standard models.



ATEX Models for use in Ex Zones and Hazardous Environments.

# IMPACT WRENCHES

Pneumatic- and hydraulic-powered impact wrenches, ideal for tightening and removing bolts and screws up to 2-1/8"

CS Unitec's pneumatic and hydraulic impact wrenches are ideal for industrial, mining, assembly and subsea applications.

- High torque
- Best power-to-weight ratio



## ATEX Certified

**Ex II 2 GcT6**  
(Model Nos 6 1034 0010, 6 1316 0040, 6 1316 0050, 6 1410 0010 and 6 1417 0040)

**Ex II 2 GcT5**  
(Model No 6 1515 0010)



**6 1034 0010**  
**1/2" Pneumatic Impact Wrench**  
450 ft-lbs. torque  
Multi-step throttle valve



Caution: User must follow all appropriate safety regulations when choosing a tool for their particular working environment.

### Pneumatic Impact Wrenches

Order No.	Description	Max. Bolt Size	Tightening Torque (Hard)	Weight	ATEX Class	Subsea Models
6 1034 0010	1/2" Square Drive	3/4" (M 20)	450 ft-lbs.	5.5 lbs.	Ex II 2 GcT6	
6 1316 0050	3/4" Square Drive	1-1/8" (M 30)	995 ft-lbs.	12.3 lbs.	Ex II 2 GcT6	
6 1316 0070*	3/4" Square Drive	1-1/8" (M 30)	995 ft-lbs.	12.3 lbs.		* For Underwater Use
6 1316 0040	1" Square Drive	1-1/8" (M 30)	995 ft-lbs.	12.6 lbs.	Ex II 2 GcT6	
6 1316 0060*	1" Square Drive	1-1/8" (M 30)	995 ft-lbs.	12.6 lbs.		* For Underwater Use
6 1410 0010	1" Square Drive	1-3/8" (M 36)	1620 ft-lbs.	24.3 lbs.	Ex II 2 GcT6	
6 1417 0040	1-1/2" Square Drive	2-1/8" (M 56)	3240 ft-lbs.	26.9 lbs.	Ex II 2 GcT6	

### Hydraulic Impact Wrenches

Order No.	Description	Max. Bolt Size	Tightening Torque (Hard)	Weight	ATEX Class	Subsea Models
6 1515 0010*	3/4" Square Drive	1" (M 27)	1220 ft-lbs.	18.1 lbs.	Ex II 2 GcT5	*For Underwater Use
6 1520 0010*	1" Square Drive	1-3/8" (M 36)	1840 ft-lbs.	25.0 lbs.		*For Underwater Use



**6 1316 0050**  
**3/4" Pneumatic Impact Wrench**  
995 ft-lbs. torque

**6 1316 0040**  
**1" Pneumatic Impact Wrench**  
995 ft-lbs. torque



**6 1410 0010**  
**1" Pneumatic Impact Wrench**  
1620 ft-lbs. torque

**6 1417 0040**  
**1-1/2" Pneumatic Impact Wrench**  
3240 ft-lbs. torque



**6 1515 0010**  
**3/4" Hydraulic Impact Wrench**  
1220 ft-lbs. torque



**6 1520 0010\***  
**1" Hydraulic Impact Wrench**  
1840 ft-lbs. torque

See page 83 for information on ATEX

# AXIAL FANS AND AIR MOVERS

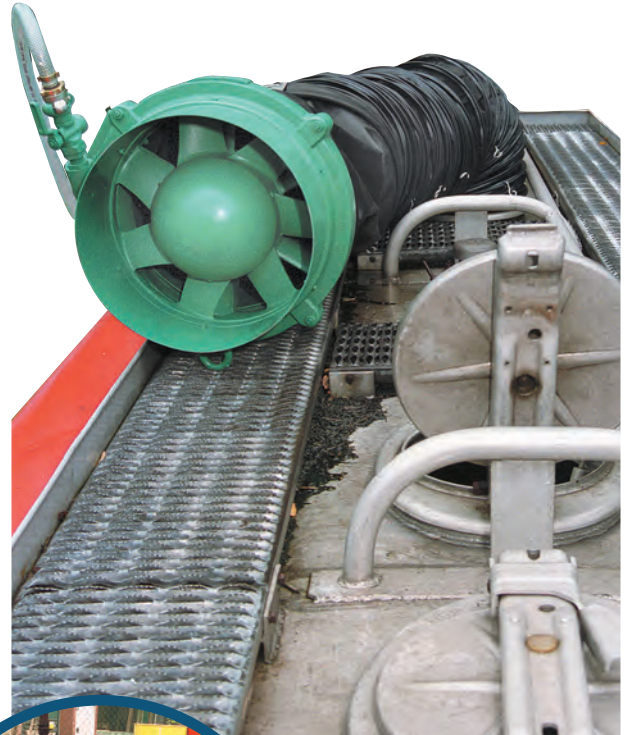
Highly efficient, explosion-proof pneumatic- and electric-powered units for ventilating, exhausting and cooling.

CS Unitec's pneumatic and electric axial fans and air movers are ideal for ventilating, exhausting and cooling in applications such as ship holds, underground mining, shipyards, refineries, petrochemical plants, oil platforms, power plants, tunneling, construction and more.

**Explosion Proof**

**For use in Ex Zones and Hazardous Environments**

**Electric fan motors are intrinsically safe, Ex.**



*Caution: User must follow all appropriate safety regulations when choosing a tool for their particular working environment.*

**Explosion-Proof Axial Fans, Pneumatic and Electric, 12" to 24" diameter**



**8 1020 Series Electric Axial Fans with protective grille on inlet side**  
2118 cfm output



**8 1524 0300 Pneumatic Axial Fan, 24" dia.**  
12,353 cfm output @ 90 psi



**8 1620 0010 Pneumatic Air Mover, 7" dia.**  
2366 cfm output @ 90 psi



**W 70 Pneumatic Air Mover, 6" dia.**  
3000 cfm output @ 90 psi



**Explosion-Proof Pneumatic Axial Fans and Air Movers**

Order No.	Description	Diameter	Power	Volume Output	Air Pressure	Weight	dBA	Air Consumption @ 90 psi
8 1521 0300	Axial Fan	12"	Pneumatic	3240 cfm	90 psi	48.5 lbs.	101	46
8 1522 0300	Axial Fan	16"	Pneumatic	5720 cfm	90 psi	70.4 lbs.	92	75
8 1523 0300	Axial Fan	20"	Pneumatic	9170 cfm	90 psi	101.2 lbs.	90	97
8 1524 0300	Axial Fan	24"	Pneumatic	12,353 cfm	90 psi	127.6 lbs.	86	136
8 1603 0300	Axial Fan	12"	Pneumatic	2119 cfm	90 psi	28.6 lbs.	85	20
W 40	Air Mover	4"	Pneumatic	1140 cfm	90 psi	11 lbs.	91	85
W 70	Air Mover	6"	Pneumatic	3000 cfm	90 psi	22 lbs.	91	166
8 1620 0010	Air Mover	7"	Pneumatic	2366 cfm	90 psi	8 lbs.	104	158

**Explosion-Proof Electric Axial Fans**

Order No.	Description	Diameter	Power	Volume Output	Weight	dBA	ATEX Class
8 1020 0140	Axial Fan	12"	230/400 V 50 Hz 3-phase	2118 cfm	44 lbs.	86	Ex II 2 GcT3
8 1020 0840	Axial Fan	12"	110 V 50 Hz single phase	2118 cfm	45 lbs.	85	Ex II 2 GcT3
8 1020 0850*	Axial Fan	12"	110 V 50 Hz single phase	2118 cfm	45 lbs.	85	Ex II 2 GcT3
8 1020 0860*	Axial Fan	12"	110 V 50/60 Hz single phase	2118 cfm	45 lbs.	85	Ex II 2 GcT3
8 1020 0870	Axial Fan	12"	230 V 50 Hz single phase	2118 cfm	45 lbs.	85	Ex II 2 GcT3

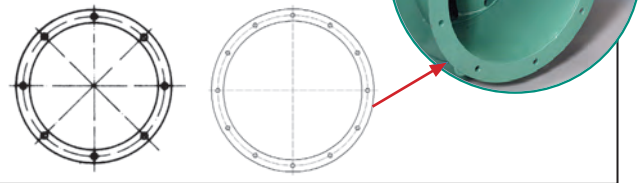
\* with switch and cable

**Optional Accessories**

9 3001 0010	Mounting Flange for 12" Axial Fans, DIN 21603 (1 or 2 per fan)
9 3001 0020	Mounting Flange for 16" Axial Fans, DIN 21603 (1 or 2 per fan)
9 3001 0030	Mounting Flange for 20" Axial Fans, DIN 21603 (1 or 2 per fan)
9 3001 0040	Mounting Flange for 24" Axial Fans, DIN 21603 (1 or 2 per fan)
8 1501 7010	Protective Grille for 12" Axial Fan (1 or 2 per fan)
8 1502 9010	Protective Grille for 16" Axial Fan (1 or 2 per fan)
8 1503 9010	Protective Grille for 20" Axial Fan (1 or 2 per fan)
8 1504 7010	Protective Grille for 24" Axial Fan (1 or 2 per fan)
8 1601 2070	Protective Grille for 8 1020 Fans (1 or 2 per fan)
9 3707 0020	Grounding Cable
9 3709 0260	Connecting Piece, Antistatic, for 12" Axial Fan (dwg 1)
9 3709 0270	Connecting Piece, Antistatic, for 16" Axial Fan (dwg 1)
9 3709 0280	Connecting Piece, Antistatic, for 20" Axial Fan (dwg 1)
9 3709 0290	Connecting Piece, Antistatic, for 24" Axial Fan (dwg 1)
9 3709 0300	Quick-seal Coupling, Antistatic, for 12" Axial Fan (dwg 2)
9 3709 0310	Quick-seal Coupling, Antistatic, for 16" Axial Fan (dwg 2)
9 3709 0320	Quick-seal Coupling, Antistatic, for 20" Axial Fan (dwg 2)
9 3709 0330	Quick-seal Coupling, Antistatic, for 24" Axial Fan (dwg 2)
9 3709 0220	Plastic Ducting, 16' long, Antistatic, for 12" Axial Fan (dwg 3)
9 3709 0230	Plastic Ducting, 16' long, Antistatic, for 16" Axial Fan (dwg 3)
9 3709 0240	Plastic Ducting, 16' long, Antistatic, for 20" Axial Fan (dwg 3)
9 3709 0250	Plastic Ducting, 16' long, Antistatic, for 24" Axial Fan (dwg 3)
9 3703 0050	Adapter, dia. 12"/8" (dwg 4)
9 3709 0130	Plastic Hose, dia. 8", 15' long (dwg 5)
9 3702 0030	Suction Nozzle, 12"/8" (dwg 6)

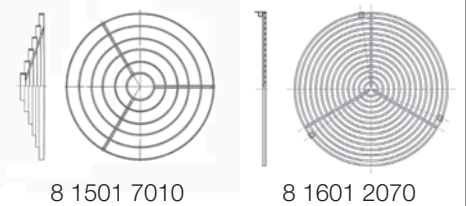
**Mounting Flanges**

For fitting fans to flanged pipes for suction or discharge

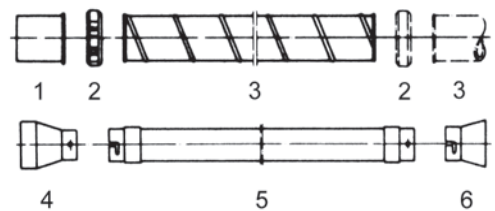


**Protective Grilles**

For use on non-ducted fans.



Grounding Cable



Caution: User must follow all appropriate safety regulations when choosing a tool for their particular working environment.