



REALLY TURN ON THE PRESSURE.

APPLY REAL PRESSURE - WITH A COMPRESSOR!

Compressors are multifunctional items of basic equipment for a wide range of applications. They can be used in both the workshop/garage and for renovation and restoration work as well as for leisure activities. Using the right tools to go with it, you can use the equipment to apply lacquer and paint in next to no time, or apply preservative oil to wood either selectively or over a large area. In the workshed it can be used for making light work of blow-cleaning or sand-blasting jobs. This all-round helper effortlessly pumps up car, motorbike and cycle tires, as well as balls and air mattresses. Compressors open up a whole new class of tools.



THE UNIVERSAL BATTERY SYSTEM FROM EINHELL

POWER X-CHANGE - ONE RECHARGEABLE BATTERY FITS ALL TOOLS.

The new Power X-Change technology makes the nuisance of cables that are too short, the space wasted by countless batteries and chargers and the searching for devices that belong together a thing of the past. Every rechargeable battery in this high-performance series fits every device in the Power X-Change family – and the chargers too, of course. You can choose between buying the devices in a set with one or two rechargeable batteries, or without rechargeable batteries and chargers. If you already have a Power X-Change rechargeable battery and charger at home you can simply buy the devices without batteries. So you save money and help protect the environment.





POWER X-CHANGE - THE BENEFITS TO YOU.

ONE RECHARGEABLE BATTERY FITS ALL TOOLS

You now just need a single rechargeable battery* for every job in and around the home.

» Read more on p. 6

MAXIMUM SAFETY

Specially developed battery design and quality components ensure maximum appliance safety and safety for the user.

» Read more on p. 7

POSITIVE FOR THE ENVIRONMENT

Fewer batteries and chargers means reduced consumption of energy and resources.

» Read more on p. 8



POWER X-CHANGE PLUS

You want even more quality, performance and power? Then the Power X-Change Plus system is the right choice.

BRUSHLESS MOTORS

Longer running times, longer service life and maintenance-free thanks to brushless energy in diverse Power X-Change devices.

SYSTEMATIC SAVINGS

Use just a single rechargeable battery to run every device, i.e. no costs for batteries or chargers as from the second Power X-Change article onwards.

SERVICE-PROVEN LITHIUM-ION TECHNOLOGY

The Power X-Change system contains only rechargeable batteries with advanced lithium-ion technology.

TWIN-PACK® TECHNOLOGY

If a device needs more power than provided by a single rechargeable battery, we simply fit two batteries. We call it Twin-Pack[®] technology.





ONE RECHARGEABLE BATTERY

... FOR THE WORKSHOP AND GARDEN.

With the Power X-Change rechargeable battery system from Einhell you can run every device with just one and the same rechargeable battery. Be it a tool or garden equipment – one rechargeable battery* is all you need.

Finished with your workshop project? You then take the battery out of your sander and put it into your lawn mower. So now you can get on with your gardening too.







MAXIMUM SAFETY

The Power X-Change system meets the highest safety standards. It provides safety in every component:



HIGH-QUALITY BATTERY CELLS



PERFECTED BATTERY PACKS



INTELLIGENT,
MICROPROCESSOR-CONTROLLED
BATTERY MANAGEMENT SYSTEM



DEVICES ARE SPECIALLY
DESIGNED FOR OPTIMUM USE
WITH THE BATTERIES



SAFE AND ADVANCED CHARGING



POSITIVE FOR THE ENVIRONMENT

POWER X-CHANGE –
THE SYSTEM FOR MORE SUSTAINABILITY.



FEWER BATTERIES AND CHARGERS

Reduced consumption of energy and resources.



LONGER SERVICE LIFE

Products that last longer don't need replacing as often. Buying replacements less often protects resources.



SUSTAINABLE USE OF ENERGY

Efficient battery control and lithium-ion technology reduce energy consumption.



MORE ENVIRONMENTALLY FRIENDLY THAN PETROL

Zero emissions during operation.



JUST 1 SYSTEM FOR ALL TOOLS

One rechargeable battery fits all tools for the workshed and garden. **One** 18V rechargeable battery system for all applications – can be used in combination for 36 V requirements*.



BRUSHLESS MOTORS

Various Power X-Change devices are equipped with brushless motors. These ensure long running times and service lives and are maintenance-free.



RESOURCE CONSERVATION FOR TOMORROW'S WORLD.

Einhell ECO Power technology features in many of our tools and much of our garden equipment. This significantly reduces product energy consumption and emissions. Technical knowhow and pro-active responsibility for our environment are the essence of ecological and sustainable products.





THE POWER X-CHANGE BATTERY ADVISOR. WHICH KEY PERFORMANCE INDICATORS ARE CRITICAL?

To estimate the performance capability of battery operated devices, a number of key performance indicators need to be taken into account.

Watts (W)

Watt (W) = Battery power

For a car this is the same as the kW (or HP) power rating of the engine. **Example:** The cordless chainsaw with the 1260 W rechargeable battery (18 V | 5.2 Ah) is suitable for felling small and medium sized trees; the 450 W battery (18 V | 2.0 Ah) is more suitable for pruning work in the garden.

Watthours (Wh)

Watthours (Wh) = Energy that the rechargeable battery can supply. This is comparable with the capacity of the petrol tank in a car and therefore the distance that can be driven.

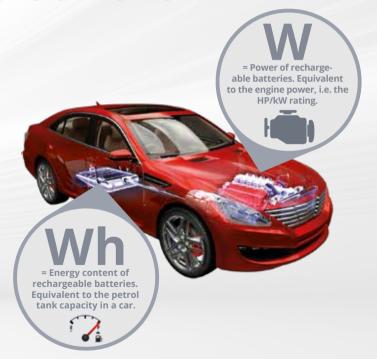
Example: The 94 Wh rechargeable battery (18 $V \mid 5.2$ Ah) enables a drill/screwdriver to handle twice as many screws as the 47 Wh battery (18 $V \mid 2.6$ Ah) (under identical conditions).

Volts (V) and ampere-hours (Ah)

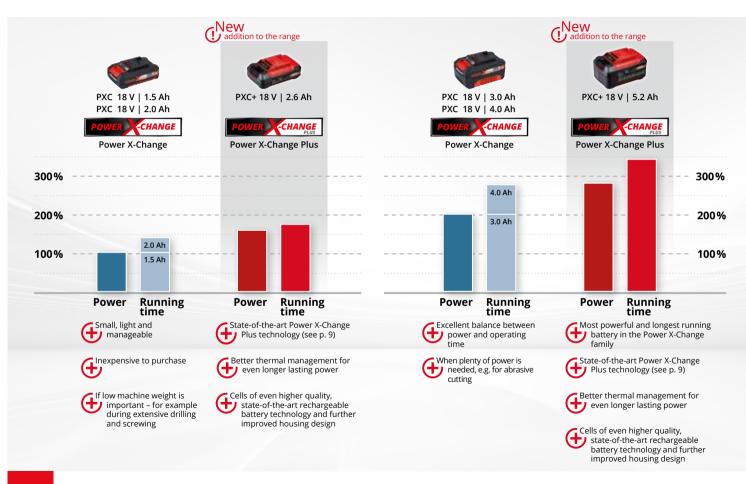
Volts (V) = Unit of measurement for the electrical voltage Ampere-hours (Ah) = Unit of measurement for the electrical charge (also: capacity)

These two values are often given for rechargeable batteries, but do not actually tell you much about the performance capacity of the batteries – at least not without further technical values.

If both values are multiplied (V x Ah = Wh), this provides a more meaningful value (as above with the "Watthours").



Einhell | Power X-Change







OPTIMUM BATTERY CONFIGURATION FOR EVERY APPLICATION

The right rechargeable battery for your preferred application? Choose the optimum combination of handling comfort, power and operating time for your purpose.



THE RIGHT POWER

In order to guarantee the best performance, we recommend the use of batteries with a capacity of 900 W (3.0 Ah) and more for the following product groups:

- Lawn mowers
- Scarifiers
- Pole-mounted pruners
- Chainsaws
- · Angle grinders

BUYING RECHARGEABLE BATTERIES AND CHARGERS SEPARATELY

You do not want to have to buy a tool set to be able to start using the Power X-Change system? You would like to add further rechargeable batteries to your equipment? Then you can choose the battery that is best suited to your application here.

	Wh*	W**	Art. Nr.
1.5 Ah Power X-Change Battery 18 V	27 Wh	450 W	45.113.40
2.0 Ah Power X-Change Battery 18 V	36 Wh	450 W	45.113.95
3.0 Ah Power X-Change Battery 18 V	54 Wh	900 W	45.113.41
4.0 Ah Power X-Change Battery 18 V	72 Wh	900 W	45.113.96



addition to the range





Starter Kit (1.5 Ah Battery + High Speed Charger)	45.120.21
Starter Kit (2.0 Ah Battery + High Speed Charger)	45.120.40
Starter Kit (3.0 Ah Battery + High Speed Charger)	45.120.41
Starter Kit (4.0 Ah Battery + High Speed Charger)	45.120.42

Power X-Charger – High Speed System Charger	45.120.11
Power X-Twincharger 3 A Power X-Boostcharger 6 A Power Maddition to the range	45.120.69
Power X-Boostcharger 6 A ddition to the range	45.120.64



^{*} Wh are calculated from the product of voltage (V) and electrical charge (Ah): V x Ah = Wh

^{**} The value given is WCC – in other words, the power which is constantly available. Where more power is required (e.g. knots in wood when sawing boards), much higher values can be achieved for a short time – in some cases many times the given value



PRESSITO – 6-IN-1 CORDLESS HYBRID COMPRESSOR

THE ALL-ROUNDER DELIVERS PRESSURE FROM RECHARGEABLE BATTERIES AND THE MAINS POWER SUPPLY

Technical data	Mains connection	220 - 240 V 50 Hz
	Max. power rating	90 W
	Max. suction power high-pressure pump	21 l/min
	Max. output power high-pressure pump 0 4 7 bar	16 10 8 l/min
	Max. operating pressure high-pressure pump	11 bar
	Max. suction power low-pressure pump	380 l/min
	Cable length	185 cm
Article No.		40.204.60

THE BEST OF BOTH WORLDS!

The hybrid compressor combines the best of both worlds: Battery and mains operation! Featuring a high-pressure pump for pumping air into car and cycle tires it is an essential item of equipment in any garage, and for inflating and deflating air mattresses and rubber dinghies there the low-pressure pump. The compact and light hybrid compressor can be stowed away easily and, thanks to the rechargeable battery, can also be taken along in the car as a portable helper as well.













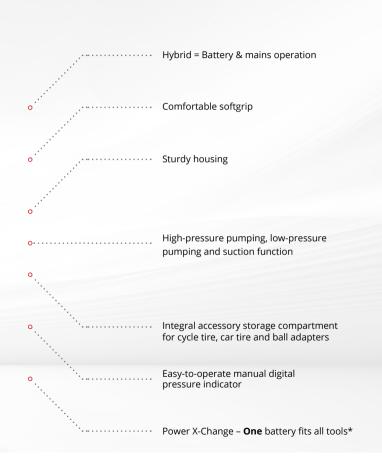








☐ ■inheII | PRESSITO – 6-in-1 Cordless Hybrid Compressor







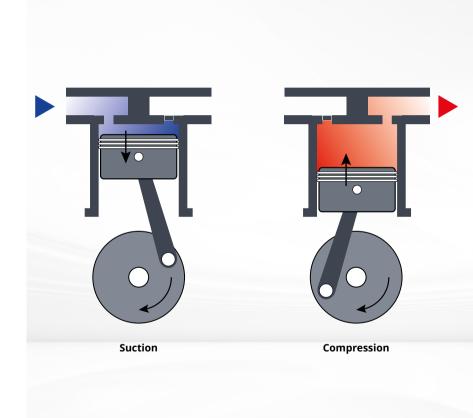






Compression Suction Gas compression principle: Reducing the volume of a gas leads to increased pressure in the tank

- The air is suctioned in via an intake filter as a result of the downward movement of the piston.
- The inlet valve releases the cross-section; the outlet valve is closed.
- When the piston moves down, the air is compressed. The inlet valve stays closed; the outlet valve releases the cross-section.
- The compressed air is then transfered to the tank.



Advantages of a compressed air system over an electrical system:

- Supply of compressed air is stored in the tank, so outdoor use is possible
- Air tools are lighter than equivalent electric tools
- · Less tool wear, so a long service life is guaranteed
- · Air tools cost less than electric tools
- · Simple in design, making them robust and less prone to faults







BENEFITS OIL-LUBRICATED COMPRESSORS

| LONG SERVICE LIFE

SUITABLE FOR CONTINUOUS OPERATION

EXCEPTIONALLY POWERFUL

FOR THE USE OF MECHANICAL AIR TOOLS



Einhell | Oil-lubricated Compressors

	TE-AC 400/50/10 V TE-AC 270/50/10		TE-AC 270/24/10	TE-AC 230/24	TC-AC 190/24/8
					Control
Technical data					
Mains connection	220 - 240 V ~ 50 Hz	230 V ~ 50 Hz	230 V ~ 50 Hz	230 V ~ 50 Hz	220 - 240 V ~ 50 Hz
Power rating	2200 W S1	1800 W S1	1800 W S1	1500 W S1	1500 W S2 15 min
Suction power	400 l/min	270 l/min	270 l/min	230 l/min	165 l/min
Output rate 0 bar 4 bar 7 bar	270 l/min 210 l/min 155 l/min	140 l/min 127 l/min 100 l/min	140 l/min 127 l/min 100 l/min	132 /min 102 /min 83 /min	110 l/min 75 l/min 55 l/min
Tank capacity	50	50 l	24	24	241
Max. operating pressure	10 bar	10 bar	10 bar	8 bar	8 bar
Number of cylinders	2	1	1	1	1
Noise level	96 dB(A)	94 dB(A)	94 dB(A)	94 dB(A)	97 dB(A)
Product weight	42.7 kg	33.5 kg	27.0 kg	22.9 kg	21.0 kg
Article number	40.104.72	40.104.40	40.104.50	40.104.60	40.073.25
EAN	4 006825 597226	4 006825 594447	4 006825 594461	4 006825 594478	4 006825 610635
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BENEFITS OIL-FREE COMPRESSORS

- | LIGHT AND EASY TO HANDLE
- MAINTENANCE-FREE (APART FROM DRAINING THE CONDENSATE)
- NO DISPOSAL OF OLD OIL NEEDED
- CLEAN AND ENVIRONMENTALLY
 FRIENDLY
- SMOOTH START-UP EVEN IN COLD TEMPERATURES



Einhell | Oil-free Compressors

TH-AC 200/30 OF TH-AC 240/50/10 OF TH-AC 200/24 OF TC-AC 190/6/8 OF TC-AC 190/8 Kit Technical data 230 V ~ 50 Hz Mains connection 230 V ~ 50 Hz 230 V ~ 50 Hz 230 V ~ 50 Hz 220 - 240 V ~ 50 Hz Power rating 1500 W S3 25% 1100 W S3 25% 1100 W S1 1100 W S3 25% 1100 W S3 15% 190 l/min Suction power 240 I/min 200 l/min 140 l/min 185 l/min 173 |/min | 107 |/min | 165 |/min | 83 |/min | 110 l/min | 70 l/min | 139 l/min | 77 l/min | 165 |/min | 83 |/min | Output rate 0 bar | 4 bar | 7 bar 76 l/min 60 l/min 45 l/min 60 I/min 55 I/min 50 I 30 I 241 61 ohne Druckkessel Tank capacity Max. operating pressure 10 bar 8 bar 8 bar 8 bar 8 bar Number of cylinders Noise level 97 dB(A) 97 dB(A) 94 dB(A) 97 dB(A) 97 dB(A) 18.1 kg Product weight 22.3 kg 19.5 kg 9.2 kg 5.8 kg 40.103.93 40.103.94 40.205.15 40.204.95 40.205.36 Article number EAN €0 E0 MED 80 80 80 80 INFLATOR INFLATOR INFLATOR INFLATOR **INFLATOR**



AIR TOOLS

THE ALL-ROUNDERS FOR EVERY AREA OF APPLICATION.

	STAPLER/ NAILER	IMPACT SCREWDRIVER	PIN GRINDER	CHISEL HAMMER DRILL	RATCHET SCREWDRIVER	ECCENTRIC SANDER

Technical data						
Туре	DTA 25/2	DSS 260/2	DSL 250/2	DMH 250/2	DRS 200/2	DSE 125
Working pressure	max. 8.3 bar	max. 6.3 bar	max. 6.3 bar	max. 6.3 bar	max. 6.3 bar	max. 6.3 bar
Torque	-	312 Nm	-	-	68 Nm	-
Article number	41.377.55	41.389.10	41.385.20	41.390.08	41.391.70	41.333.25
EAN	4 006825 504415	4 006825 504361	4 006825 504378	4 006825 504392	4 006825 504385	4 006825 581607
Required air rate	Low 30	MED So So	MED \$1 \$1	HIGH 5: 5: 5:	MED \$ \$	MED 5, \$,
		WIN - MILE				

BLOW-OUT BLOW-OUT TIRE PRESSURE PRO TIRE PRES-TIRE PRESSURE PAINT SPRAY PRO PAINT PAINT SPRAY PISTOL, PISTOL, GAUGE. **SURE GAUGE GAUGE SPRAY GUN,** GUN. **GUN, WITH SHORT** DIGITAL **WITH CUP** WITH CUP LONG **SUCTION-FEED** CAN 0 - 8 bar 0 - 8 bar 0 - 13 bar 0 - 8 bar 0 - 8 bar 3 - 3.5 bar 3 - 4 bar 3 - 4 bar 41.331.02 41.331.00 41.331.15 41.331.10 41.370.00 41.330.30 41.330.00 41.329.00 **INFLATOR INFLATOR** INFLATOR INFLATOR **INFLATOR** MED MED ₹0 **₹**0 MED ₹0 **₹**0





OUTPUT RATE

The output describes the amount of compressed air that the compressor supplies. For an operating pressure of 0 bar, 4 bar and 7 bar it is expressed in liters per minute. This amount of compressed air is required in order to be able to use the various air tools.

SUCTION POWER

The suction power gives the volume of air the compressor takes in from the ambient air. The value is given in liters per minute.

POWER RATING

The power rating gives the output of the compressor pump in watts.

TANK SIZE/TANK CAPACITY

The tank size is the size of the tank in liters, from which the pump is filled. The bigger the tank, the more air is available under the same pressure.

Important note: A compressor for compressed air work should have a capacity of least 24 liters, whereas for tool work a tank size of 50 liters is recommended.

OPFRATING MODE

In terms of the operating mode of compressors, a distinction is made between oil-free and oil-lubricated compressors.

Important note: Oil-free compressors are ideally suitable for applications involving paint spray guns or spray guns. When it comes to the use of mechanical air tools (e.g. impact screwdrivers), an oiler should be connected in-between to ensure that the vane motor provides trouble-free operation. If, on the other hand, you have an oil-lubricated compressor and want to use it for painting work, for example, we recommend the use of an oil filter.

OPERATING PRESSURE

The maximum operating pressure gives the maximum amount of pressure that can be achieved at the compressor outlet.

Important note: The delivered air volume can be significantly reduced by hoses with small inner diameters or very long hoses. This can mean that it may not be able to operate air tools which have high air consumption requirements.

WHICH COMPRESSOR?

We help you to find the right size and the right model. Before you choose any particular equipment, ask yourself the following questions:

- What area of application do I need a compressor for?
 a) Working with compressed air: e.g. tire pressure gauge, blow-out pistol
 b) Working with tools: e.g. impact screwdriver, chisel hammer
- 2. Do I need reserves of compressed air in a tank or will a compressor without a pressure vessel suffice (= inflator)?

THE EINHELL COMPRESSOR **COLOUR CODING SYSTEM** – THE RIGHT COMPRESSOR **FOR EVERY APPLICATION** AT-A-GLANCE

Air tools can only be used in combination with a compressor which is also designed to deliver the required air volume (= output).

The Einhell colour coding system for compressors provides an at-a-glance aid to help you choose the right compressor for your purpose. It defines 4 categories for compressors, subdivided according to the air volume output in liters per minute. In the table for the air tools you will find symbols which indicate the air consumption of the tools. Using the combination of the two charts, you can quickly identify which compressor is suitable for which air tool.

Output > 150 l/ min at an operating pressure of 7 bar



Output > 75 I/ min and < 150 I/ min at an operating pressure of 7 bar



COMPRESSORS

Output < 75 l/ min at an operating pressure of 7 bar



Compressors without pressure vessel (= inflator)



		COLOR C	ODING SYSTEM
Stapler / Nailer	ਨੀ _{ਜਾ}	AIR VOLUME LOW	3 0
Impact Screwdriver		AIR VOLUME MED	50 50
Pin Grinder	†¶T	MED	30 30
Chisel Hammer Drill	Ţİ	HIGH	Ş1 Ş1 Ş1
Ratcht Screwdriver		MED.	30 30
Eccentric Sander		MED	30 30
Blow-out Pistol	₹	INF	LATOR
Tire Pressure Gauge	0 9		LATOR
Paint Spray Gun	>4	MED	30 30
Spray Gun	> 1\	MED	30 30
Jet Gun	> 1	HIGH	\$0 \$0 \$0
Suction-feed Spray Pistol	> 1	HIGH	Ş1 Z1 Z1
Underseal Gun	>-1	AIR VOLUME MED	₹1 ₹1



WHICH TOOL WORKS WITH WHICH COMPRESSORS?

While the range of applications for the air tools is wide, the requirements to be met by the compressors to run them are equally wide. Some do not need much air to operate, others have high air consumption requirements.

So it is important to know exactly what work you intend to do before you actually buy. The table shown here should help you with your decision.

Another point to bear in mind is choosing a tank with sufficient reserves for the planned work ahead, so that the compressor does not have to run at full steam the whole time.



Do not confuse suction power and output. Critical for the usability of the equipment is the **output** of the compressor.

It is also important to bear in mind that the output is dependent on the operating pressure. The higher the pressure, the lower the delivered air volume.

		TC-AC
Stapler / Nailer	41.377.55	•
Impact Screwdriver	41.389.10	•
Pin Grinder	41.385.20	•
Chisel Hammer Drill	41.390.08	•
Ratcht Screwdriver	41.391.70	
Eccentric Sander	41.333.25	•
Blow-out Pistol, long	41.331.02	•
Blow-out Pistol, short	41.331.00	•
Tire Pressure Gauge, digital	41.331.15	•
Pro Tire Pressure Gauge	41.331.10	•
Tire Pressure Gauge	41.370.00	•
Pro Paint Spray Gun with cup	41.330.30	
Paint Spray Gun with cup	41.330.00	•
Paint Spray Gun with Suction-feed can	41.329.00	
Spray Gun	41.332.00	•
Jet Gun	41.333.00	
Suction-feed Spray Pistol	41.334.00	•
Underseal Gun	41.335.01	
Air Tool Set 10-piece	40.205.65	•
Pro Compressed Air Kit 5-piece	41.327.20	•
Compressed Air Kit 3-piece	41.327.41	•

□ ■ **inh** ■ **ii** Which tool works with which compressors?

TC-AC 190/6/8 OF	TH-AC 200/24 OF	TH-AC 200/30 OF	TH-AC 240/50/10 OF	TC-AC 190/24/8	TE-AC 230/24	TE-AC 270/24/10	TE-AC 270/50/10	TE-AC 400/50/10 V
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Very suitable

Not suitable



APPLICATIONS FOR A COMPRESSOR.

SO YOU NEVER RUN OUT OF AIR.

1 | INFLATING / CHECKING THE AIR PRESSURE

For pumping up cycle tires, cycle tires, air mattresses or balls: With a matching tire pressure gauge, all no problem. The tire pressure gauges from Einhell are equipped with a pressure gauge for monitoring the air pressure. In addition, the Einhell range of products includes various adapters for pumping up things like balls or paddling pools.

3 | GRINDING / SANDING

Both eccentric grinders/sanders and rod grinders are highly suitable for operation with compressed air. Unlike electrically powered equipment they are generally lighter and also last longer because the mechanical components are simpler. There is no chance of broken cables.

5 | STAPLING / NAILING

The classic tool in the DIY workshed. Stapling and pinning – a great help on woodworking and handicraft projects, saving time and nerves at the same time. Excellent for pinning skirting boards and decorative strips, without the nail being too prominent. Upholstered furniture can be re-upholstered with staples. For gluing parts together, the parts can be secured with pins first and then screwed together with ease or held together with a screw clamp without anything slipping.

2 | BLOWING OUT

It is immensely useful to be able to blow out tools, workpieces and air filters as well as hard-to-reach corners in the workshed. With a blow-out pistol you can reach areas that cannot be reached with a vacuum cleaner tube. In addition, Einhell also offers a blow-out pistol with an extra-long nozzle for cleaning with even more precision. It is recommended that you wear a face mask for blowing out jobs.

4 | SCREWDRIVING

Pneumatically operated impact screwdrivers are standard for automotive work in particular. Why? Pneumatic impact screwdrivers have a much higher overload capability than electric impact screwdrivers and are not susceptible to overheating either.

6 | PAINTING

Professional painters work only with compressed air. The main reason is the risk of an explosion if they use electric spray guns in combination with inflammable paint mist. Pneumatic spray guns are also lighter than most electric models.

Einhell | Inside knowledge















MAXIMUM PRESSURE – MAXIMUM RELAXATION: EINHELL – THE HIGH-PERFORMANCE ENABLERS.

COMPRESSED AIR TECH-NOLOGY



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