

# Tireshop Industry

Advanced Wheel Solutions



People.  
Passion.  
Performance.



Chicago  
Pneumatic

# Chicago Pneumatic provides a full tireshop solution

For all vehicle types



**2 & 3  
Wheelers**



**Passenger  
Vehicles**



**Pickup trucks  
and Vans**



**Light & Medium  
Trucks**



**Heavy Trucks  
and Buses**



**Agricultural &  
Off-Road Machinery**



# Chicago Pneumatic One-Stop-Shop for all your tire changing needs

At every step of the way, we are there for you to provide all the needed equipment, tools and accessories for your day-to-day job. From lifting the vehicle to untightening and tightening, we offer a full range of solutions to equip your shop.

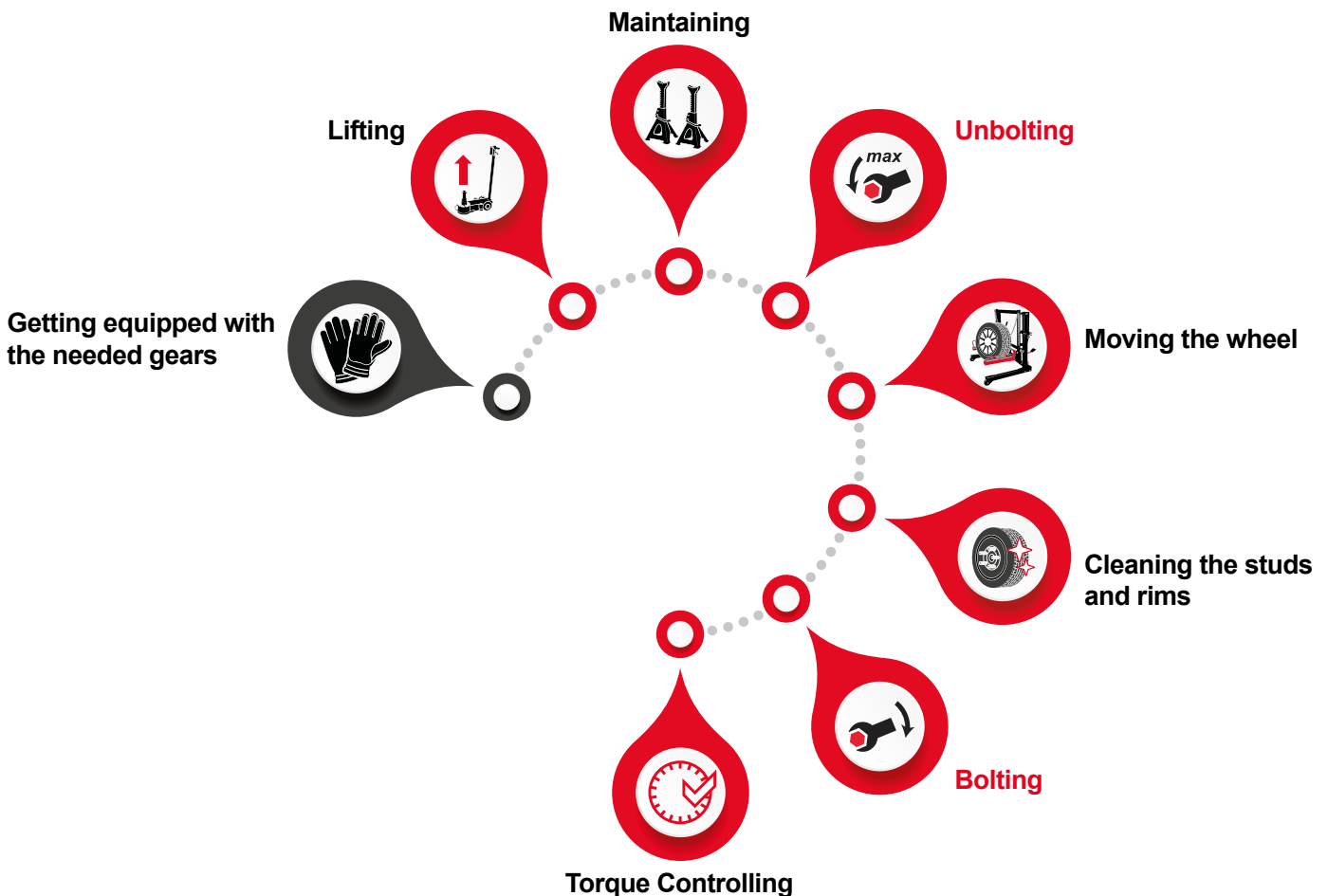
We understand the specific needs of maintaining and repairing 2-wheelers, cars and truck fleets. Chicago Pneumatic helps make tough jobs easier. **We provide products that are reliable and robust**, they offer great ergonomics for user comfort and are easy to use.

**Safety on the job is key for us** and is always top of mind when developing our products. You can rely on our knowledge, our tools, our equipment and our expert recommendation to make sure you are safe at all times when changing your tires.

In this brochure we will recommend the best tools and equipment for all your different tire changing needs. By following and choosing the appropriate solutions, you will ensure that you will have the best performing tool for your particular application therefore **making your job faster and easier, increasing your productivity**.

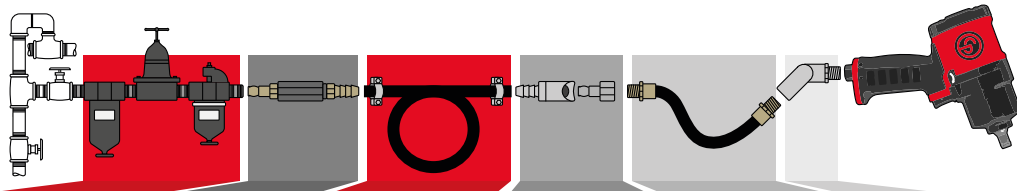
Chicago Pneumatic's dedication to the automotive industry spans decades. Benefit from our expertise, from factory to field, through certified quality testing and training, **we develop products for you**.







## and for all applications



# Air tools installation & workshop safety

## Recommended Air Tools Installation by Chicago Pneumatic:



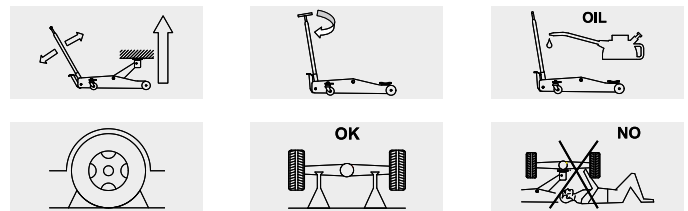
<p><b>MUST HAVE</b></p> <p><b>FRL</b></p> <p>To set up a proper air flow and pressure</p> 	<p><b>SAFETY</b></p> <p><b>AIR FUSE</b></p> <p>For improved safety, to avoid hose whiplash</p> 	<p><b>MUST HAVE</b></p> <p><b>HOSE &amp; CLAMPS</b></p> <p>To ensure efficiency at the workplace</p> 	<p><b>SAFETY &amp; ERGONOMICS</b></p> <p><b>COUPLING &amp; NIPPLE</b></p> <p>To ensure safe and flexible connection between accessories</p> 	<p><b>SAFETY &amp; ERGONOMICS</b></p> <p><b>HOSE WHIP</b></p> <p>For better ergonomics &amp; to avoid premature hose wear</p> 	<p><b>SAFETY &amp; ERGONOMICS</b></p> <p><b>CONNECTING ACCESSORY</b></p> <p>i.e.: AIR FLEX</p> <p>For better ergonomics &amp; to avoid premature hose wear</p> 
<p>FRL stands for:</p> <ul style="list-style-type: none"> <li>Filter (clean compressed air)</li> <li>Regulator (ensures consistency of dynamic pressure)</li> <li>Lubricator (adds controlled quantities of oil to reduce friction and improve tool life)</li> </ul> <p>More info: <a href="http://qr.cp.com/Choose-right-FRL">http://qr.cp.com/Choose-right-FRL</a></p>	<p>Fixing an air fuse between the FRL &amp; the hose will stop air flow in case of hose section, and prevent from potential work place accidents and body damages such as hose whiplash.</p>	<p>Chicago Pneumatic offers a wide range of hoses :</p> <ul style="list-style-type: none"> <li>different diameters (from 6.5 mm to 25 mm)</li> <li>different lengths (3, 20 or 25 m)</li> <li>4 types (Effi Max, rubber, PVC, polyurethane).</li> </ul>	<p>4 things to consider when choosing coupling &amp; nipple:</p> <ul style="list-style-type: none"> <li>Tool air inlet thread</li> <li>Type of coupling (easy flow, quick release, safety, claw)</li> <li>Connection type (male, female, hose connection)</li> <li>Profile (Asia, Iso, Euro)</li> </ul>	<p>Using a hose whip brings 3 advantages:</p> <ul style="list-style-type: none"> <li><b>Safety:</b> it protects the operator against whiplash effects in case of breaks at coupling level</li> <li><b>Durability:</b> enables longer tools inlet lifespan and prevent from hose wear</li> <li><b>Ergonomics:</b> facilitate tools switch with a quick connection</li> </ul>	<p>Avoid using coupling/nipple at tool inlet (it creates rigidity and increases risks of whiplash. We recommend using Chicago Pneumatic Air Flex connector: it ensures flexibility, ergonomics and safety for the operator. It is suitable for all tools, except percussive tools.</p>

## Safety Reminder

The goal of Chicago Pneumatic is to produce tools and equipment that help the operator work safely and efficiently. The most important safety device for this or any tool is the operator.

**WARNING**  
Multiple Hazards. Read and understand safety instructions supplied with tool before operating or servicing. Failure to do so can result in serious bodily injury.

## Trolley and air hydraulic jacks



Use jack stands to maintain the vehicle

All tools are designed to operate on a air line pressure of 6.3 bar +/- 0.15 bar in accordance with ISO2787, 8NTC1.2.

# 2 and 3 Wheelers



## Unbolting & Bolting

### IMPACT WRENCHES



**CP721**  $\frac{3}{8}$

75 ft.lbs / 102 Nm max  
torque in reverse

**COMFORT & DURABILITY**



**CP7732**  $\frac{1}{2}$

450 ft.lbs / 610 Nm max  
torque in reverse

**ULTRA COMPACT &  
POWERFUL**



THE  
EXPERT  
ADVICE

Torque wrenches are precision tools, so to ensure that they continue to deliver excellent performance, you should calibrate them once a year and keep them well maintained.

Protect them from shock by storing them in their protective cases and reset them to the lowest value when not being used.

## Torque Controlling

### $\frac{1}{4}$ " & $\frac{3}{8}$ " TORQUE WRENCHES

**CP8905 &  
CP8910**

**ACCURACY, LONG-LASTING  
ACCURACY AND DURABILITY**



Accuracy: 4% according to the EN ISO 6789:2003 specifications

Capacity:

50 → 250 in.lbs / 5 → 25 Nm for CP8905  
15 → 75 ft.lbs / 20 → 100 Nm for CP8910

## Clean the studs

### STUD CLEANERS

Recommended with CP2755  
To clean up rusted bolts and  
to get a good tightening



Diameter: from 0.79 to 1.18 in /  
from 20 mm to 30 mm

# Passenger Vehicles



An impact wrench with a torque limited function enables efficient torque level control, with torque limited to the forward direction to prevent overtightening. The tool won't stop running but the torque will increase more slowly, meaning you can be certain that you haven't overtightened the nut.

Operators should always complete the final tightening with a calibrated torque wrench to ensure that the torque applied is accurate and complies with the vehicle manufacturers' specifications.

## Lift

## Maintain

### TROLLEY JACKS / SERVICE JACKS

### JACK STANDS

**HIGH LIFTING CAPACITY, HIGH DURABILITY, SAFETY**

**HIGH QUALITY YET AFFORDABLE JACK STANDS**

**CP80015**  
VERY LOW PROFILE  
CONSTRUCTION  
(down to 80 mm / 3.1 in)  
HIGH LIFTING CAPACITY

**CP80020**  
LOW PROFILE  
CONSTRUCTION  
& HIGH LIFTING  
CAPACITY

**CP80030**  
HIGH LIFTING  
CAPACITY

**CP82020** 2 Tons

Height up to  
16.7 in / 425 mm

**CP82030**  
3 Tons

Height up to  
17.9 in / 455 mm



1.5 ton capacity -  
Lifting height up to  
21.3 in / 540 mm



2-ton capacity -  
Lifting height up to  
19.9 in / 505 mm



3-ton capacity -  
Lifting height up to  
21.6 in / 550 mm



# Unbolting & Bolting

## 1/2" IMPACT WRENCHES



**CP8849  
CP8849-2**

**THE FIRST CORDLESS  
1/2" IMPACT WRENCH WITH  
2 SHUT OFF POSITIONS  
GOING UP TO 850+ FT.LBS  
/ 1150+ NM**

- Slow mode to approach without impacting (hand tightening around  $\approx 3.7$  ft.lbs /  $\approx 4-5$  Nm)
- Fast mode to tighten wheels close to recommended torque without overtightening (around  $\approx 50$  ft.lbs /  $\approx 70$  Nm)



**CP7748  
CP7748-2**

**POWER, COMFORT &  
DURABILITY IN YOUR  
HANDS!**

*Most powerful tool in its  
class 960 ft.lbs / 1,300 Nm  
maximum real torque in reverse*



**CP734H**

445 ft. lbs. / 576 Nm max  
torque in reverse

**THE "CLASSIC" REFERENCE  
FOR 1/2" IMPACT TOOLS**



**CP7748TL  
CP7748TL-2**

66 ft. lbs. / 90 Nm in torque  
limited position in forward

**TORQUE LIMITED IN  
FORWARD AND EXTREME  
TORQUE IN REVERSE  
(960 FT.LBS - 1,300 NM)**



**CP7736  
CP7736-2**

670 ft. lbs. / 900 Nm max  
torque in reverse

**GREAT PERFORMANCE AND  
DURABILITY**

## Torque Controlling

### 1/2" TORQUE WRENCHES

**CP8915 & CP8917**

**ACCURACY, LONG-LASTING ACCURACY AND DURABILITY**



Accuracy: 4% according to the EN ISO  
6789:2003 specifications

Capacity:

30  $\rightarrow$  150 ft.lbs / 40  $\rightarrow$  200 Nm for CP8915

60  $\rightarrow$  340 ft.lbs / 50  $\rightarrow$  250 Nm for CP8917



## Clean the studs

### STUD CLEANERS

Recommended with CP2755  
To clean up rusted bolts and  
to get a good tightening



Diameter: from 0.79 to 1.18 in /  
from 20 mm to 30 mm

# Pickup Trucks & Vans



THE  
EXPERT  
ADVICE

Operators should always complete the final tightening with a calibrated torque wrench to ensure that the torque applied is accurate and complies with the vehicle manufacturers' specifications.

## Lift

### TROLLEY JACK

**CP80030**

**HIGH LIFTING CAPACITY**



3-ton capacity -  
Lifting height up to  
21.6 in / 550 mm



## Maintain

### JACK STANDS 3 Tons

**CP82030**

**HIGH QUALITY YET  
AFFORDABLE JACK STANDS**

Height up to  
17.9 in / 455 mm





# Unbolting & Bolting

## 1/2" IMPACT WRENCHES



### CP8849 CP8849-2

**THE FIRST CORDLESS  
1/2" IMPACT WRENCH WITH  
2 SHUT OFF POSITIONS  
GOING UP TO 850+ FT.LBS  
/ 1150+ NM**

- Slow mode to approach without impacting (hand tightening around  $\approx 3.7$  ft.lbs /  $\approx 4-5$  Nm)
- Fast mode to tighten wheels close to recommended torque without overtightening (around  $\approx 50$  ft.lbs /  $\approx 70$  Nm)



### CP7755 Air Flex Mini CP7755-2 Air Flex Mini

**NO MORE GUESSING, GET  
THE POWER YOU NEED!\***

*\*Final torque must be applied manually using a calibrated torque wrench (please refer to the operator's manual)*

- The best and the most adjustable power control for pneumatic tools
- Up to 960 ft.lbs / 1,300 Nm maximum real torque in reverse
- In forward, get 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 or 100% of maximum torque



### CP7748TL CP7748TL-2

66 ft. lbs. / 90 Nm in torque  
limited position in forward

**TORQUE LIMITED IN  
FORWARD AND EXTREME  
TORQUE IN REVERSE  
(960 FT.LBS - 1,300 NM)**



### CP7748 CP7748-2

960 ft.lbs / 1300 Nm max  
torque in reverse

**POWER, COMFORT &  
DURABILITY IN YOUR  
HANDS!**

## Torque Controlling

### 1/2" TORQUE WRENCHES

### CP8915 & CP8917

**ACCURACY, LONG-LASTING ACCURACY AND DURABILITY**



Accuracy: 4% according to the EN ISO 6789:2003 specifications

Capacity:

30  $\rightarrow$  150 ft.lbs / 40  $\rightarrow$  200 Nm for CP8915

60  $\rightarrow$  340 ft.lbs / 50  $\rightarrow$  250 Nm for CP8917



## Clean the studs


### STUD CLEANERS

Recommended with CP2755  
To clean up rusted bolts and  
to get a good tightening



Diameter: from 0.79 to 1.18 in /  
from 20 mm to 30 mm

# Small & Medium Size Trucks



**We created a 6-step guide to choosing the right air hydraulic jack:**

- **Step 1:** Identify which type of vehicle you need to lift
- **Step 2:** Make sure your hydraulic jack will fit the height requirements
- **Step 3:** Check the available air pressure

Find the full article with the detailed 6 steps in our Expert Corner blog.

<http://qr.cp.com/hydraulic-jack-guide>

## Lift

### AIR HYDRAULIC JACK

**CP85030** 30 Tons

**HIGH LIFTING CAPACITY, HIGH DURABILITY, SAFETY**

Maximum height: 16.1 in / 409 mm at 15 tons



## Maintain

### JACK STANDS 12 Tons

**CP82120**

**HIGH CAPACITY, HIGH QUALITY, QUICK HEIGHT ADJUSTMENTS**

Maximum height capacity:  
17.71 in / 450 mm



# Unbolting & Bolting

## 3/4" IMPACT WRENCHES



### CP7763 CP7763-6

**COMPACT &  
POWERFUL**

*1,200 ft.lbs. / 1630 Nm  
of maximum real  
torque in reverse*



### CP7763D CP7763D-6

**LIGHTWEIGHT,  
POWERFUL,  
EASY TO USE**

*1,300 ft.lbs. / 1760 Nm  
of maximum real  
torque in reverse*



### CP7769 / CP7769-6

**POWERFUL, LIGHTWEIGHT &  
COMPACT**

*1,440 ft.lbs / 1,950Nm of maximum torque  
in reverse*

## Torque Controlling

### 3/4" TORQUE WRENCH



### CP8920

**LONGLASTING ACCURACY AND DURABILITY**

Accuracy: 4% according to the EN ISO 6789:2003 specifications  
Capacity: 100 → 550 ft.lbs / 150 → 750 Nm

## Move the wheel

### WHEEL DOLLY

### CP84010

**EASY-TO-USE SINGLE WHEEL DOLLY**

- Maximum capacity: 550 lbs / 250 kg
- Fork capacity: 12.01 in / 305 mm



## Clean the studs

### STUD CLEANERS

**Recommended with CP2755  
To clean up rusted bolts and  
to get a good tightening**



Diameter: from 0.79 to 1.18 in /  
from 20 mm to 30 mm

# Heavy Trucks and Buses



THE  
EXPERT  
ADVICE

Correctly applied torque is vital to maintaining the safety of a vehicle and its passengers. Torque limited tools are essential to helping tighten wheel nuts to the correct torque. They are specially designed to prevent the overtightening of nuts.

## Lift

### AIR HYDRAULIC JACKS

HIGH LIFTING CAPACITY, HIGH DURABILITY, SAFETY

**CP85030**

30 Tons

Maximum height:  
16.1 in / 409 mm  
at 15 tons

**CP85050**

50 Tons

Maximum height:  
18.5 in / 472 mm  
at 15 tons

**CP85080**

80 Tons

Maximum height:  
22.16 in / 563 mm  
at 50 tons



## Maintain

### JACK STANDS 20 Tons

**CP82200**

HIGH CAPACITY, HIGH  
QUALITY, QUICK HEIGHT  
ADJUSTMENTS

Maximum height  
capacity:  
19.6 in / 500 mm



# Unbolting

## 1" IMPACT WRENCHES



**CP7782  
CP7782-6**

**HIGH TORQUE & COMFORT**

1,920 ft.lbs / 2,600 Nm max torque in  
reverse for 25.6 lbs. / 11.6 kg



**CP7783  
CP7783-6**

**LIGHTWEIGHT, POWERFUL  
AND SUPER DURABLE**

1770 ft.lbs / 2400 Nm max torque in  
reverse for 20.9 lbs. / 9.5 kg

# Controlled Bolting

## 1" IMPACT WRENCH



*Torque  
Limited*

**CP7782TL-6**

**NO MORE OVERTIGHTENING**

1" impact wrench with torque limited in forward  
around 370 ft.lbs / 500 Nm

## BLUETORK NUTRUNNERS

**CP7600  
Series**

**OUR MOST  
ERGONOMIC &  
EFFICIENT SOLUTION  
FOR TRUCKS AND  
BUSES WHEEL  
MAINTENANCE**



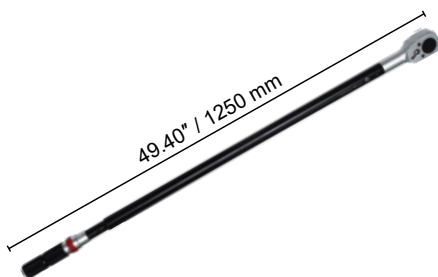
- High tightening precision with an exceptional durability
- High ergonomics with very low noise level and vibration

## Torque Controlling

### 1" TORQUE WRENCH

**CP8925**

**LONGLASTING ACCURACY  
AND DURABILITY**



**Capacity:** 150 → 750 ft.lbs / 200 → 1000 Nm  
**Accuracy:** 4% according to the  
EN ISO 6789:2003 specifications

## Ergonomics

### ERGOSEAT

**CP87029**

**ROBUST, VERSATILE, GREAT  
PRICE-TO-QUALITY RATIO**

- 360° front wheels
- Equipped with a balancer



## Clean the studs

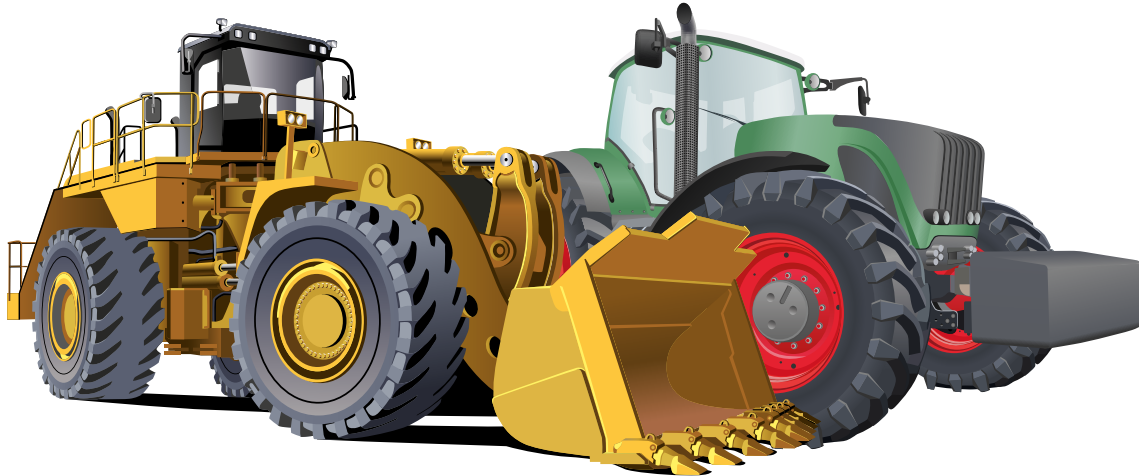
### STUD CLEANERS

Recommended with CP2755  
To clean up rusted bolts and  
to get a good tightening



Diameter: from 0.79 to 1.18 in /  
from 20 mm to 30 mm

# Agricultural & Off-Road Machinery



THE  
EXPERT  
ADVICE

Calibration is a vital step in ensuring tools are working as they should be, giving correct readings, providing a safe working environment for end-users, and ensuring that companies are upholding their legal obligations. The performance of tools and instruments tends to drift over time and every tool loses accuracy to some extent.

Calibration is essential to maintain tools' accuracy and repeatability over time.

**Did you know?** Only laboratories complying with ISO/IEC 17025 can deliver a valid calibration certificate.

## Lift

### AIR HYDRAULIC JACKS

HIGH LIFTING CAPACITY, HIGH DURABILITY, SAFETY

#### CP85031

30 Tons  
Ultra high lifting capacity

Maximum height:  
30.39 in / 772 mm  
at 30 tons

#### CP85080

80 Tons

Maximum height:  
22.16 in / 563 mm  
at 50 tons

#### CP85100

100 Tons

Maximum height:  
24 in / 610 mm  
at 33 tons



CP85080

## Maintain

### JACK STANDS 20 Tons

#### CP82200

HIGH CAPACITY, HIGH  
QUALITY, QUICK HEIGHT  
ADJUSTMENTS

Maximum height  
capacity:  
19.6 in / 500 mm



# Unbolting

## 1" IMPACT WRENCHES



**CP7783-6  
/ CP7783**

**LIGHTWEIGHT, POWERFUL  
AND SUPER DURABLE**

1770 ft.lbs / 2400 Nm max torque  
in reverse for 20.9 lbs. / 9.5 kg



**CP5000**

**HIGH TORQUE &  
DURABLE**

2,500 ft.lbs / 3,390 Nm max torque  
in reverse

# Controlled Bolting

## STALL TORQUE NUTRUNNERS



**CP66 Series**  
**THE MOST ROBUST  
PNEUMATIC NUTRUNNER  
IN ITS CLASS**

Up to 3,100 ft.lbs / 4,100 Nm max.

- Very compact, lightweight and powerful
- Very robust with a reliable gearbox and a CP vane type impact wrench motor
- High tightening accuracy using CP Air Torque Control FRL pack



## Controlled Bolting

### 1" IMPACT WRENCH

**CP7782TL-6**

**NO MORE  
OVERTIGHTENING**



*Torque  
Limited*

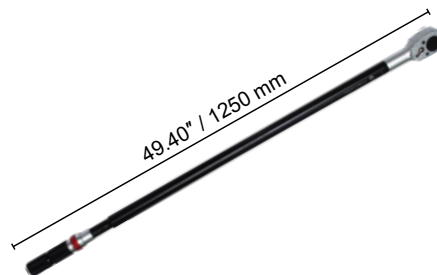
1" impact wrench with  
torque limited in forward  
around 370 ft.lbs / 500 Nm

## Torque Controlling

### 1" TORQUE WRENCH

**CP8925**

**LONGLASTING ACCURACY  
AND DURABILITY**



Capacity: 150 → 750 ft.lbs / 200 → 1000 Nm  
Accuracy: 4% according to the  
EN ISO 6789:2003 specifications

## Clean the studs

### STUD CLEANERS

Recommended with CP2755  
To clean up rusted bolts and  
to get a good tightening



Diameter: from 0.79 in / 20 mm  
to 1.18 in / 30 mm

# Cleaning studs and rims

## TIRE BUFFERS



**CP871**

**HIGH SPEED TIRE BUFFER  
22,000 RPM**

Jacobs quality  $\frac{3}{8}$ " / 10 mm chuck



**CP873**

**LOW SPEED TIRE BUFFER  
2,800 RPM**

Quick change slip chuck (7/16 hexagonal)

## Chicago Pneumatic Stud Cleaners

To clean up rusted bolts and to get a good tightening:

- 7 models available
- Standard & deep
- Standard version length: 1.46 in / 37 mm, available in 3 diameters: 0.79 in / 20 mm, 0.87 in / 22 mm, 0.94 in / 24 mm
- Deep version length: 2.36 in / 60 mm, available in 4 diameters: 0.79 in / 20 mm, 0.87 in / 22 mm, 0.94 in / 24 mm, 1.18 in / 30 mm



## ACCESSORIES

### Chicago Pneumatic Gloves

Recommended for impact wrenches use to reduce vibrations.

Available in 4 sizes (M, L, XL, XXL)



- Compression molded knuckle protection
- Comfortable 3 mm palm padding
- High performance spandex fabric for maximum comfort and durability
- Premium synthetic leather palm for extra durability and high abrasion
- Reinforced wrap-around on index finger for durability

### Hose kits

Hose kits are equipped with end thread fittings and available in short length, ready to connect and use.



- 26.2 ft / 8 m
- Full range covering 14 combinations of hose inner dimension from  $\frac{1}{4}$ " to  $\frac{3}{8}$ " and male thread fittings from  $\frac{1}{4}$ " to  $\frac{1}{2}$ " in NPT or BSP standards.

### Chicago Pneumatic Sockets

A wide range of sockets for impact wrenches:

- Imperial & metric
- Deep & standard
- Different square drive:  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{3}{4}$ ", 1"
- Inch: from  $\frac{1}{4}$ " to 4- $\frac{1}{2}$ "
- mm: from 7 to 70 mm
- Offered in kits or individually
- Forged for a lifetime



More information in our socket catalog:



<http://qr.cp.com/sockets-brochure>

### Chicago Pneumatic Oils

Chicago Pneumatic Protecto-lube oil (airlene oil) is an oil meant to lubricate air tools.

3 packagings to fit end-users need:



1 gal. 20.8 oz 4 oz  
3.8 L 590 ml 120 ml  
*with dosing cap*

### $\frac{1}{2}$ " Torque Bars Set

Contains different torque bars:

- 100 Nm
- 110 Nm
- 120 Nm
- 135 Nm
- 150 Nm



**SS435B**

For more information, please contact your Chicago Pneumatic partner:

Use only authorized parts. Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability.