

Tireshop Industry

Tire changing 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.

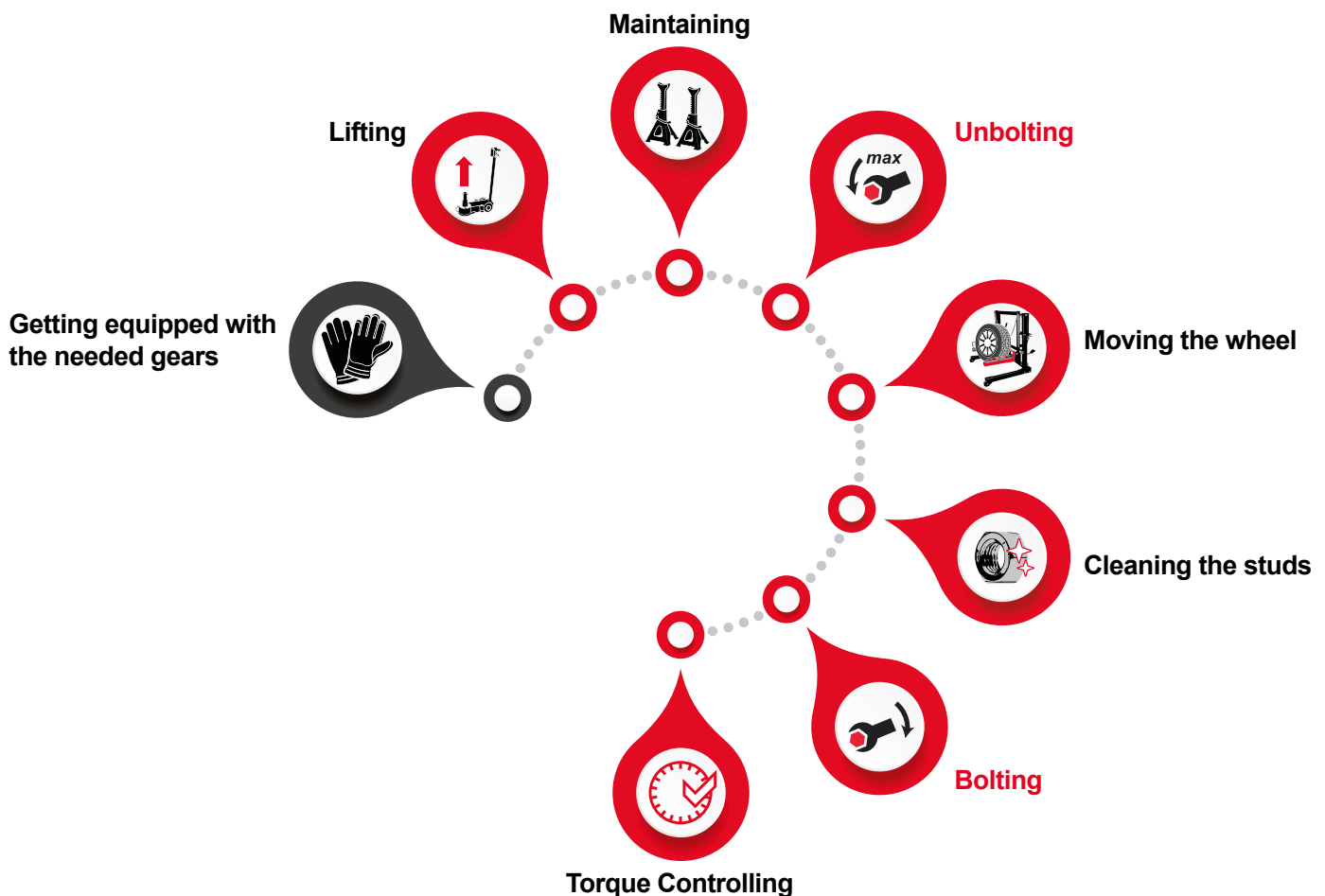
We understand the specific needs of maintaining and repairing 2-wheelers, cars and truck fleets. Chicago Pneumatic helps make tough jobs easier. **We provide products that are reliable and robust**, they offer great ergonomics for user comfort and are easy to use.

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**.

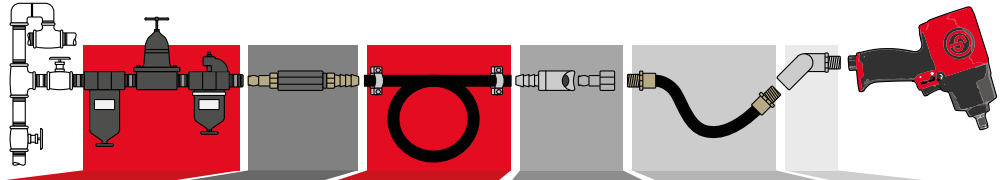
Chicago Pneumatic's dedication to the automotive industry spans decades. Benefit from our expertise, from factory to field, through certified quality testing and training, **we develop products for you**.

and for all applications



Air tools installation & workshop safety

Recommended Air Tools Installation by Chicago Pneumatic:



MUST HAVE	SAFETY	MUST HAVE	SAFETY & ERGONOMICS	SAFETY & ERGONOMICS	SAFETY & ERGONOMICS
FRL	AIR FUSE	HOSE & CLAMPS	COUPLING & NIPPLE	HOSE WHIP	CONNECTING ACCESSORY
To set up a proper air flow and pressure	For improved safety, to avoid hose whiplash	To ensure efficiency at the workplace	To ensure safe and flexible connection between accessories	For better ergonomics & to avoid premature hose wear	i.e.: AIR FLEX For better ergonomics & to avoid premature hose wear
					
FRL stands for: ■ Filter (clean compressed air) ■ Regulator (ensures consistency of dynamic pressure) ■ Lubricator (adds controlled quantities of oil to reduce friction and improve tool life) More info: http://qr.cp.com/Choose-right-FRL	Fixing an air fuse between the FRL & 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.	Chicago Pneumatic offers a wide range of hoses : ■ different diameters (from 6.5 mm to 25 mm) ■ different lengths (3, 20 or 25 m) ■ 4 types (Effi Max, rubber, PVC, polyurethane).	4 things to consider when choosing coupling & nipple: ■ Tool air inlet thread ■ Type of coupling (easy flow, quick release, safety, claw) ■ Connection type (male, female, hose connection) ■ Profile (Asia, Iso, Euro)	Using a hose whip brings 3 advantages: ■ Safety: it protects the operator against whiplash effects in case of breaks at coupling level ■ Durability: enables longer tools inlet lifespan and prevent from hose wear ■ Ergonomics: facilitate tools switch with a quick connection	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.

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.

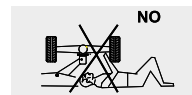
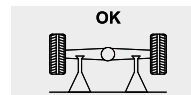
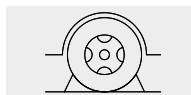
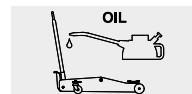
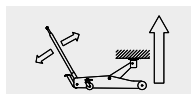


WARNING

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



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.

Unbolting & Bolting

IMPACT WRENCHES



CP7732C

**POWERFUL,
ULTRA LIGHTWEIGHT,
EASY OPERATION AND
COMPACT**

*460 ft. lbs. / 625 Nm max torque
in reverse*



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**

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



THE
EXPERT
ADVICE

For tire changing applications, the best choice between cordless electric and pneumatic impact wrenches will differ mainly if you are looking at a workshop or a mobile job. **Pneumatic version will be preferred by operators who like lightweight tools, when cordless impacts will be chosen by mechanics who are looking for higher freedom of movement.**

Both tools are your best partners for everyday tire changing, and depending on your specific needs, both versions can be complementary. Whatever your choice, don't forget that a torque wrench is necessary to tighten properly any wheels.

Lift

TROLLEY JACKS / SERVICE JACKS

HIGH LIFTING CAPACITY, HIGH DURABILITY, SAFETY

CP80015

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

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



CP80020

**LOW PROFILE
CONSTRUCTION
& HIGH LIFTING
CAPACITY**

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



CP80030

**HIGH LIFTING
CAPACITY**

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



Maintain

JACK STANDS

**HIGH QUALITY YET
AFFORDABLE JACK STANDS**

CP82020 2 Tons

Height up to
16.7 in / 425 mm

CP82030 3 Tons

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 ≈ 3.7 ft.lbs / $\approx 4-5$ Nm)*
- *Fast mode to tighten wheels close to recommended torque without overtightening (around ≈ 50 ft.lbs / ≈ 70 Nm)*



CP7748 CP7748-2

**DURABLE, POWERFUL &
ERGONOMIC**

*Most powerful tool in its
class: 922 ft.lbs – 1,250 Nm of
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

66-70 ft. lbs. / 90-96 Nm in torque
limited position in forward

**TORQUE LIMITED IN
FORWARD AND EXTREME
TORQUE IN REVERSE
(922 FT.LBS – 1,250 NM)**



CP7736

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 → 150 ft.lbs / 40 → 200 Nm for CP8915

60 → 340 ft.lbs / 50 → 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

Each vehicle type has different torque specifications, set by the manufacturer, which must be respected when servicing the vehicle.

Not only for the wheels, but also for any other bolted parts such as the cylinder head, a torque controlled solution must be used to tighten at the required torque.

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 ≈ 3.7 ft.lbs / $\approx 4-5$ Nm)*
- *Fast mode to tighten wheels close to recommended torque without overtightening (around ≈ 50 ft.lbs / ≈ 70 Nm)*



CP7748 CP7748-2

**DURABLE, POWERFUL &
ERGONOMIC**

*Most powerful tool in its
class: 922 ft.lbs – 1,250 Nm of
maximum real torque in reverse*



CP749

610 ft. lbs. / 827 Nm max
torque in reverse

**POWERFUL & ROBUST,
BETTER ERGONOMICS**



CP7749 CP7749-2

955 ft.lbs / 1300 Nm max
torque in reverse

POWERFUL & LIGHTWEIGHT

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 → 150 ft.lbs / 40 → 200 Nm for CP8915
60 → 340 ft.lbs / 50 → 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



THE
EXPERT
ADVICE

Here is the 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
- **Step 4:** Identify your usage
- **Step 5:** Product quality
- **Step 6:** Test the ergonomics

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

Changing tires in the heavy vehicle industry means working in a demanding environment. **Therefore, setting up the best working conditions for operators can help prevent MSDs (Musculoskeletal Disorders), caused by bad posture and inadequate equipment.** It also significantly improves the quality of the job. We recommend taking a look at solutions like wheel dollies, ergonomic seats and pneumatic torque wrenches.

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

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*

1" TORQUE WRENCH

49.40" / 1250 mm

CP8925

**LONGLASTING ACCURACY
AND DURABILITY**

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

Move the wheel

WHEEL DOLLY

CP87700

**RELIABLE, ROBUST, FAST
LIFTING**

Weight capacity: 700 kg - 1540 lbs

Wheels diameter
from 21.4 to 50.5 in /
545 to 1280 mm



Ergonomics

ERGOSEAT

CP87029

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

- 360° front wheels
- Equipped with a balancer



Clean the studs

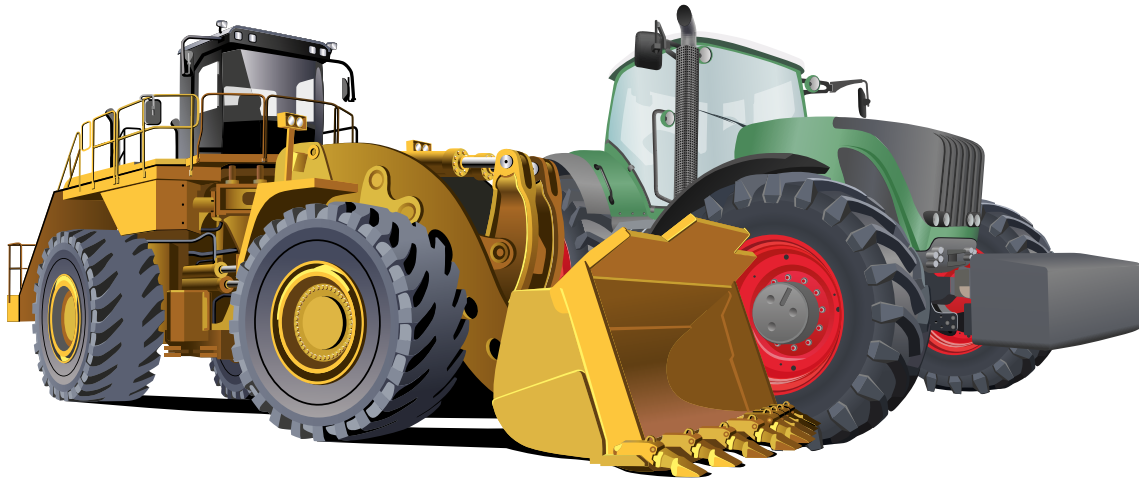
STUD CLEANERS

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

The pneumatic torque wrench, or nutrunner, is sometimes confused with a standard impact wrench, due to their similar appearance. The main difference is that a **pneumatic torque wrench is driven by continuous gearing** versus hammering for the impact wrench. All necessary torque is handled by the gearbox and the reaction arm. Having a reaction arm requires having a reaction contact like a nut or a strong metallic surface.

A nutrunner has a very low vibration level and excellent repeatability and accuracy, making it perfect for bolting. **On applications such as wheel changing on heavy trucks, buses or heavy machinery, the frequency of use is high, and therefore a shut-off nutrunner may be best.**

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

Move the wheel

WHEEL DOLLY 1.2 TONS



CP87120

**RELIABLE, ROBUST, FAST
LIFTING**

Adjustable width from
39.4 to 78.7 in / 1000 to 2200 mm



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

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

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 (airline oil) is an oil meant to lubricate air tools.

3 packagings to fit end-users need:



1 gal. /
3.8 L

20.8 oz /
590 ml

4 oz /
120 ml

with dosing cap



Chicago Pneumatic Stud Cleaners

A wide range of sockets for impact wrenches:

- 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

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.