People.
Passion.
Performance.
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

Lifting
Maintaining
Unbolting
Moving the wheel
Cleaning the studs and rims
Bolting
Torque Controlling

Getting equipped with the needed gears
Air tools installation & workshop safety

Recommended Air Tools Installation by Chicago Pneumatic:

**MUST HAVE**
- **FRL**
  - To set up a proper air flow and pressure

**SAFETY**
- **AIR FUSE**
  - For improved safety, to avoid hose whiplash

**MUST HAVE**
- **HOSE & CLAMPS**
  - To ensure efficiency at the workplace

**SAFETY & ERGONOMICS**
- **COUPLING & NIPPLE**
  - To ensure safe and flexible connection between accessories
- **HOSE WHIP**
  - For better ergonomics & to avoid premature hose wear

**SAFETY & ERGONOMICS**
- **CONNECTING ACCESSORY**
  - 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)

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.

**Trolley and air hydraulic jacks**

**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.

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**
- 75 ft.lbs / 102 Nm max torque in reverse
- ULTRA COMPACT & POWERFUL

**CP7732**
- 450 ft-lbs / 610 Nm max torque in reverse
- POWERFUL, ULTRA LIGHTWEIGHT, EASY OPERATION AND COMPACT

**CP7732C**
- 460 ft.lbs / 625 Nm max torque in reverse
- POWERFUL, ULTRA LIGHTWEIGHT, EASY OPERATION AND COMPACT

Torque Controlling

¼” & ⅜” 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
- Diameter: from 0.79 to 1.18 in / from 20 mm to 30 mm

Clean the studs

STUD CLEANERS

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

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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.

www.cp.com
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

½” IMPACT WRENCHES

**CP8849 CP8849-2**
THE FIRST CORDLESS ½” 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 / ≈ 4-5 Nm)
- Fast mode to tighten wheels close to recommended torque without overtightening (around ≈ 50 ft.lbs / ≈ 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

**CP7748TL CP7748TL-2**
TORQUE LIMITED IN FORWARD AND EXTREME TORQUE IN REVERSE (922 FT.LBS – 1,250 NM)

**CP7736 CP7736-2**
GREAT PERFORMANCE AND DURABILITY

**CP734H**
445 ft. lbs. / 576 Nm max torque in reverse
THE "CLASSIC" REFERENCE FOR 1/2" IMPACT TOOLS

Torque Controlling

½” 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

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

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

½” IMPACT WRENCHES

**CP8849**
**CP8849-2**
THE FIRST CORDLESS ½” 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 / ≈ 4-5 Nm)
- **Fast mode** to tighten wheels close to recommended torque without overtightening (around ≈ 50 ft.lbs / ≈ 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
- **Compact** (6.89 in. / 175mm length)
- **Well balanced**
- **Ring system**: one-hand forward - reverse system

**CP7749**
**CP7749-2**
POWERFUL & LIGHTWEIGHT
610 ft.lbs / 827 Nm max torque in reverse

**CP7749**
**CP7749-2**
955 ft.lbs / 1300 Nm max torque in reverse

Torque Controlling

½” 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

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

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
Unbolting & Bolting

¾" IMPACT WRENCHES

CP7763
CP7763-6
COMPACT & POWERFUL

CP7763D
CP7763D-6
LIGHTWEIGHT, POWERFUL, EASY TO USE

CP7769 / CP7769-6
POWERFUL, LIGHTWEIGHT & COMPACT

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

1,200 ft.lbs / 1,630 Nm of maximum real torque in reverse

1,300 ft.lbs / 1,760 Nm of maximum real torque in reverse

Torque Controlling

¾" 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
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**

<table>
<thead>
<tr>
<th>CP85030</th>
<th>CP85050</th>
<th>CP85080</th>
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</thead>
<tbody>
<tr>
<td>30 Tons</td>
<td>50 Tons</td>
<td>80 Tons</td>
</tr>
<tr>
<td>Maximum height: 16.1 in / 409 mm at 15 tons</td>
<td>Maximum height: 18.5 in / 472 mm at 15 tons</td>
<td>Maximum height: 22.16 in / 563 mm at 50 tons</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>CP7782</th>
<th>CP7782-6</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HIGH TORQUE &amp; COMFORT</strong></td>
<td></td>
</tr>
<tr>
<td>1,920 ft.lbs / 2,600 Nm max torque in reverse for 25.6 lbs. / 11.6 kg</td>
<td></td>
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</tbody>
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<table>
<thead>
<tr>
<th>CP7783</th>
<th>CP7783-6</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LIGHTWEIGHT, POWERFUL AND SUPER DURABLE</strong></td>
<td></td>
</tr>
<tr>
<td>1,770 ft.lbs / 2,400 Nm max torque in reverse for 20.9 lbs. / 9.5 kg</td>
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**Controlled Bolting**

BLUETORK NUTRUNNERS

<table>
<thead>
<tr>
<th>CP7600 Series</th>
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</thead>
<tbody>
<tr>
<td><strong>OUR MOST ERGONOMIC &amp; EFFICIENT SOLUTION FOR TRUCKS AND BUSES WHEEL MAINTENANCE</strong></td>
</tr>
<tr>
<td>■ High tightening precision with an exceptional durability</td>
</tr>
<tr>
<td>■ High ergonomics with very low noise level and vibration</td>
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</tbody>
</table>

1" IMPACT WRENCH

<table>
<thead>
<tr>
<th>CP7782TL-6</th>
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</thead>
<tbody>
<tr>
<td><strong>NO MORE OVERTIGHTENING</strong></td>
</tr>
<tr>
<td>1&quot; impact wrench with torque limited in forward around 370 ft.lbs / 500 Nm</td>
</tr>
</tbody>
</table>

**Torque Controlling**

1" TORQUE WRENCH

<table>
<thead>
<tr>
<th>CP8925</th>
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</thead>
<tbody>
<tr>
<td><strong>LONGLASTING ACCURACY AND DURABILITY</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CP87029</th>
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</thead>
<tbody>
<tr>
<td><strong>ROBUST, VERSATILE, GREAT PRICE-TO-QUALITY RATIO</strong></td>
</tr>
<tr>
<td>■ 360° front wheels</td>
</tr>
<tr>
<td>■ Equipped with a balancer</td>
</tr>
</tbody>
</table>

**Ergonomics**

<table>
<thead>
<tr>
<th>ERGOSEAT</th>
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</thead>
<tbody>
<tr>
<td><strong>Capacity:</strong> 150 → 750 ft.lbs / 200 → 1000 Nm</td>
</tr>
<tr>
<td><strong>Accuracy:</strong> 4% according to the EN ISO 6789:2003 specifications</td>
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</tbody>
</table>

**Clean the studs**

STUD CLEANERS

Recommended with CP2755

To clean up rusted bolts and to get a good tightening

<table>
<thead>
<tr>
<th>Stud Cleaners</th>
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</thead>
<tbody>
<tr>
<td><strong>Diameter:</strong> from 0.79 to 1.18 in / from 20 mm to 30 mm</td>
</tr>
</tbody>
</table>
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.
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

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

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

Controlled Bolting

1” IMPACT WRENCH

**CP7782TL-6**
NO MORE OVERTIGHTENING

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

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

Chicago Pneumatic Sockets
A wide range of sockets for impact wrenches:
- Imperial & metric
- Deep & standard
- Different square drive: ⅜", ¼", ⅜", ½"
- Inch: from ¼" to 4-½" 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 (airolene 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

½" Torque Bars Set
Contains different torque bars:
- 100 Nm
- 110 Nm
- 120 Nm
- 135 Nm
- 150 Nm

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.

TIRE BUFFERS

CP871
HIGH SPEED TIRE BUFFER
22,000 RPM
Jacobs quality ¼" / 10 mm chuck

CP873
LOW SPEED TIRE BUFFER
2,800 RPM
Quick change slip chuck (7/16 hexagonal)

Loading study: 2019 subject to technical modifications