

# CP8345 – CP8350

Cordless angle grinders 4.5" & 5"



*Our expertise in air angle grinders, combined with the convenience and mobility of battery power.*

People.  
Passion.  
Performance.



Chicago  
Pneumatic

# CP8345 / CP8350

## Cordless angle grinders 4.5" & 5"

High comfort thanks to better ergonomics, featuring brushless motor to deliver maximum power.

### GREAT ERGONOMICS

Battery position allows for better precision

### HIGH COMFORT

Soft thermo plastic rubber grip

### HIGH DURABILITY

- Aluminum angle head housing
  - Brushless motor
- BRUSHLESS**

### HIGH COMFORT & HANDLING

Side handle at 20°



### FOR IMPROVED SAFETY

Lock-off throttle for better control



### CONVENIENT

- Keyless 270° adjustable protective guard to be oriented according to the application (cutting or grinding)
- Rotating guard by pressing grey lever



### USER FRIENDLY

Convenient spindle lock system to change wheels quickly

Length		Height		Width excl. handle	
in.	mm	in.	mm	in.	mm
15.70	399	2.34	59.5	2.98	75.7



4.5"  
115 mm

5"  
125 mm

RPM  
8500 RPM

750 W - 1 HP

Bare Tool*	Bare Tool Part Number	Free Speed RPM	Power		Max Wheel Capacity		Spindle Thread	Tool Weight w/o battery		Tool Weight with battery		Vibration Level - a (k) (m/s <sup>2</sup> )	Sound Level dB(A)	Sound Power dB(A)	Battery type		Charging time mn
			hp	kW	in.	mm		in.	lbs.	kg	lbs.				kg	Voltage	
CP8345	894 017 5070	8500	1	0.75	4.5"	115	5/8	4.47	2.03	6.08	2.76	6.8 (1.5)	78.0	89.0	20	4 or 6	90
CP8350	894 017 5071	8500	1	0.75	5"	125	M14	4.47	2.03	6.08	2.76	6.8 (1.5)	78.0	89.0	20	4 or 6	90
CP8350 US	894 017 5620	8500	1	0.75	5"	125	5/8	4.47	2.03	6.08	2.76	6.8 (1.5)	78.0	89.0	20	4 or 6	90

\*Tool only, without batteries nor charger

Listed specifications are for reference only. Please check tool documentation.

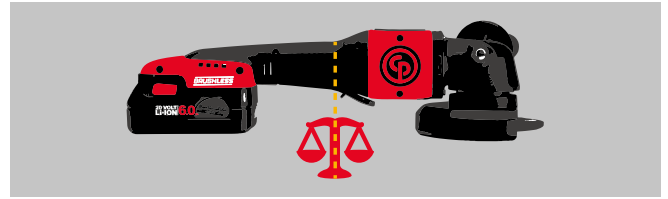
# OPTIMUM USER FOCUSED PERFORMANCES

Our cordless angle grinders are developed with you in mind. They provide:



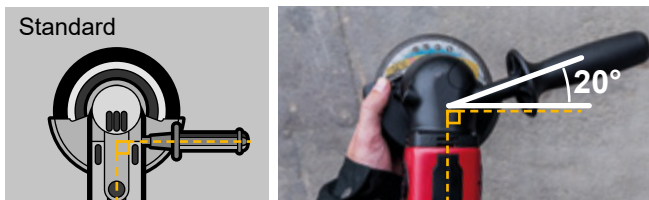
## Improved operator safety:

We leveraged our expertise in air tools and applied it to our cordless grinder. Our CP75 series safety lever has been applied, allowing for a more controlled application as the tool locks itself once you remove your finger from the trigger.



## Better precision thanks to a great design:

The handle and the battery are completely aligned in a straight line which naturally aligns the arm with the wrist. The grinder's center of inertia (with a battery) is precisely where the operator grips the handle. This design makes a well balanced tool giving the perception that the tool is much lighter.



## High comfort during operation:

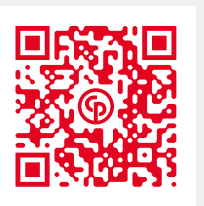
A handle in a straight position (@ 90°) forces the operator to be in an unnatural position which creates discomfort.

Our side handle is placed at 20° which allows for a better hand position and better ergonomics overall to do the job.

The handle is also adjustable for right or left handed operators.

## WATCH THE CP8345 – CP8350 IN ACTION!

Check out the video on YouTube



## DESIGNED FOR A VARIETY OF APPLICATIONS FOR WORKSHOPS OR OUTSIDE



Surface preparation



Weld seam removal



Body panels cutting



Frame grinding and cutting



## Over 110 years of experience

Since 1901 the Chicago Pneumatic (CP) name has represented reliability and attention to customer needs, with construction, maintenance and production tools and compressors designed for specific industrial applications. Today, CP has a global reach, with local distributors around the world.

Our people start every single day with a passion to research, develop, manufacture and deliver new products that are meant to meet your needs not only today, but tomorrow as well.

To learn more about our extensive range of tools, construction equipment, industrial and portable compressors, accessories and workshop equipment, please visit [www.cp.com](http://www.cp.com).



## KITS

The CP8345 and CP8350 cordless angle grinders come in kits. Find below the list of components inside the kit:

- One tool (CP8345 or CP8350)
- Two battery packs (two x 4 Ah **OR** two x 6 Ah)
- One 20V charger
- One side handle
- One Chicago Pneumatic soft bag
- One front flange spanner
- Tool Documentation:
  - Conformity Certificate and Safety warning
  - Operator's manual
  - Exploded view and spare part list

Model	Part number
<b>CP8345 Pack 4.0Ah US</b>	<b>894 108 3454</b>
<b>CP8345 Pack 6.0Ah US</b>	<b>894 108 3456</b>
<b>CP8350 Pack 4.0Ah</b>	<b>894 108 3504</b>
<b>CP8350 Pack 6.0Ah</b>	<b>894 108 3506</b>
<b>CP8350 Pack 4.0Ah US</b>	<b>894 108 3508</b>
<b>CP8350 Pack 6.0Ah US</b>	<b>894 108 3509</b>

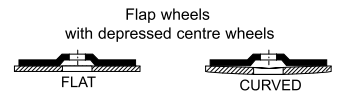
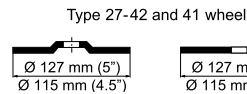


The US pack comes with a US type plug and the Rest of the World pack will come with the appropriate plug based on the country of origin of the order.

## ACCESSORIES SELECTION

### GRINDING AND CUTTING WHEELS ■ Suitable for CP cordless angle grinders

- Grinding wheel Type 27
- Depressed center grinding wheel (rounded) Type 28
- Cutting wheel Type 41



## BATTERIES

Model	Part number
<b>20V/4.0AH LITHIUM ION</b>	<b>894 017 2261</b>
<b>20V/6.0AH LITHIUM ION</b>	<b>894 017 3636</b>



## CHARGERS

Model	Part number	Description
<b>CP20CHE 20V EU</b>	<b>894 017 2262</b>	20-Volt Charger EU
<b>CP20CHU 20V US</b>	<b>894 017 2286</b>	20-Volt Charger North-America
<b>CP20CHA 20V AUS</b>	<b>894 017 2288</b>	20-Volt Charger Australia
<b>CP20CHK 20V UK</b>	<b>894 017 2287</b>	20-Volt Charger UK
<b>CP20CHO 20V KOR</b>	<b>894 017 4305</b>	20-Volt Charger Korea
<b>CP12-20CH DUAL EU</b>	<b>894 017 3638</b>	12 & 20-Volt Charger Dual EU
<b>CP12-20CH DUAL UK</b>	<b>894 017 4701</b>	12 & 20-Volt Charger Dual UK
<b>CP12-20CH DUAL AUS</b>	<b>894 017 4702</b>	12 & 20-Volt Charger Dual Australia

For more information, please contact your Chicago Pneumatic partner:



[www.cp.com](http://www.cp.com)