

# CP3550 Series

1.5 hp / 1100 W industrial angle & die grinders and sanders



*One industrial range  
for all your grinding  
& sanding needs:  
high-quality finish  
with minimal efforts*

People.  
Passion.  
Performance.



Chicago  
Pneumatic

# CP3550 Series

- **6 angle grinders** ..... 4", 4.5", 5" & 6" / 100 mm, 115 mm, 125 mm & 150 mm
- **4 die grinders** ..... Short or extended, 12000 or 18000 rpm
- **1 angle die grinder** ..... 1/4" / 6 mm or 6.35 mm collet
- **4 angle sanders** ..... 5" & 7" / 125 mm & 180 mm
- **2 low speed angle sanders** ..... 7" & 9" / 180 mm & 230 mm

*One range, one body offering great comfort with excellent durability*

## INDUSTRIAL GRADE POWER

1.5 hp / 1100 W governed motor allows industrial performance in intensive material removal applications

## STREAMLINED SAFETY LEVER

Allows heavy tool operation while wearing heavy gloves, and can be easily oriented downwards

## ROTATIVE INLET SWIVEL

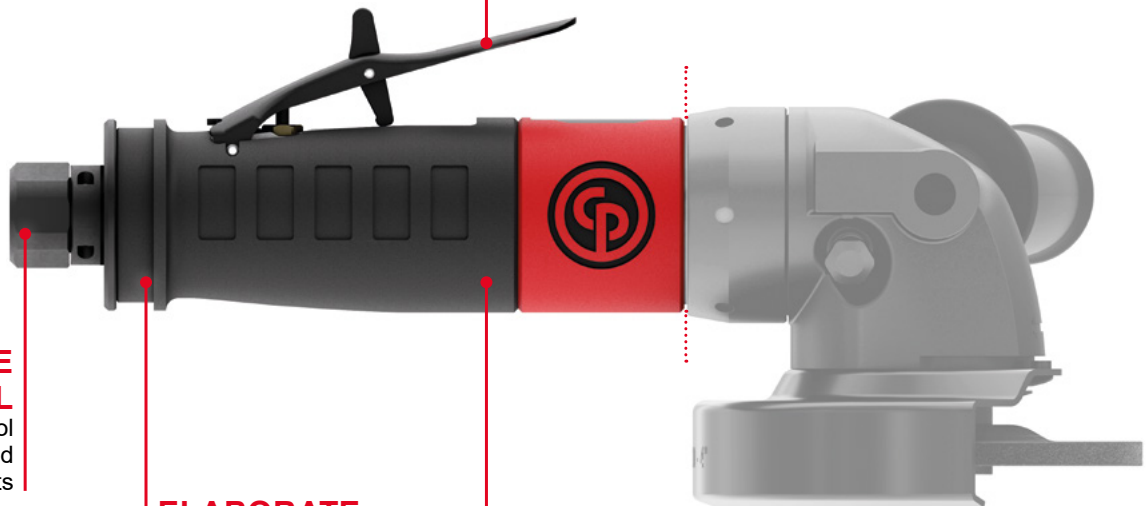
Maintains tool operation easy and avoid air hose knots

## ELABORATE SILENCER

Unique silencer foam damps noise emissions down to 86 dB

## COMPOSITE OVER-SLEEVE

Thermal insulating sleeve provides operator comfort while offering a low diameter for comfortable handling



# DEVELOPED WITH THE INDUSTRY STANDARDS IN MIND

## Our angle grinders and sanders are:



### Industrial Tough:

The maintenance interval (bevel gear inspection) is 1000 hours



**CP3550**  
0.63 oz – 18 g



**Competitor 1**  
0.42 oz – 12 g



**Competitor 2**  
0.42 oz – 12 g



**Competitor 3**  
0.35 oz – 10 g

### Industrial grade power with actual gains in productivity:

1.5 hp / 1100 W governed motors up to +80% Material Removal than competitors



### Easy to handle:

- Rotative air swivel allows better and easier tool operation, avoiding air hose knot
- Keyless adjustable guard makes it easier to adjust with gloves on and innovative feature to lock collet holder allows for an easy change of mounted point/carbide burr

## WATCH THE CP3550 SERIES IN ACTION!

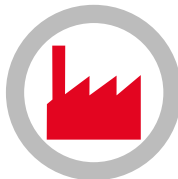
Check out the video on YouTube



## DESIGNED FOR INTENSIVE APPLICATIONS



**Metalworking**



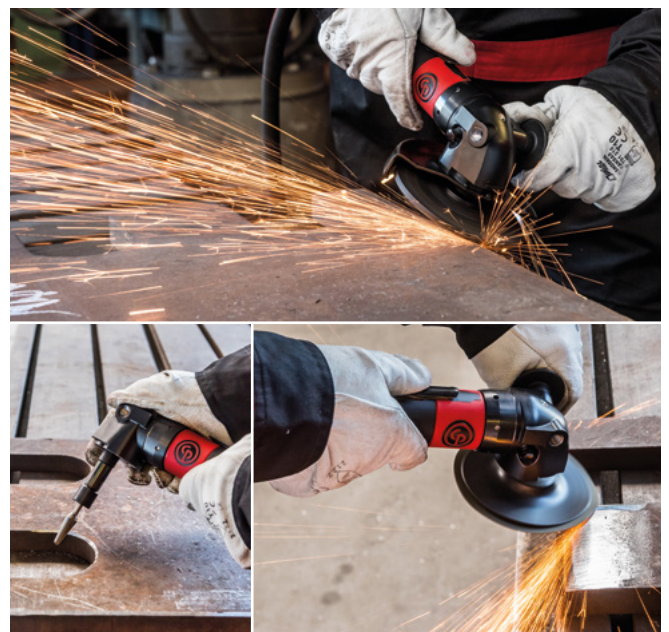
**Fabrication**



**Foundries & Casting Plants**



**Shipyards**



# Angle grinders



*Great comfort and excellent durability*

**Range addition**

*New version: CP3550-100AB6 for use with 6" depressed center wheel type 27/28 or cutting wheel type 41/42. Good for intense applications in various metal working environments, surface preparation, deburring, fettling.*

1.5 hp / 1100 W



360°



**FAST AND EASY**

Spindle lock button for easy and fast change of grinding wheel

## Applications

Deburring, contouring, chamfering, cleaning, fettling with grinding and cutting wheels, flap wheels

**EFFICIENCY AND ERGONOMICS**

Unique rotating guard with keyless adjustment for 6" depressed center wheels or cutting wheels

Max wheel capacity	Spindle thread	Free speed	Model	Part #
4" 100 mm	3/8"	12000 rpm	CP3550-120AC4	615 160 7750
4.5" 115 mm	M14	12000 rpm	CP3550-120AA45	615 160 7760
	5/8"	12000 rpm	CP3550-120AB45	615 160 7770
5" 125 mm	M14	12000 rpm	CP3550-120AA5	615 160 7780
	5/8"	12000 rpm	CP3550-120AB5	615 160 7790
6" 150 mm	5/8"	10000 rpm	CP3550-100AB6	615 160 7800

**NEW**



Standard side handle delivered with the tool. Low vibration handle available as accessory: 6155760780

# Die grinders - 1/4" collet



## Power and productivity

### Range addition

4 versions, standard and extended in two different speeds. Excellent tool for demanding tough jobs of deburring, fettling, chamfering.

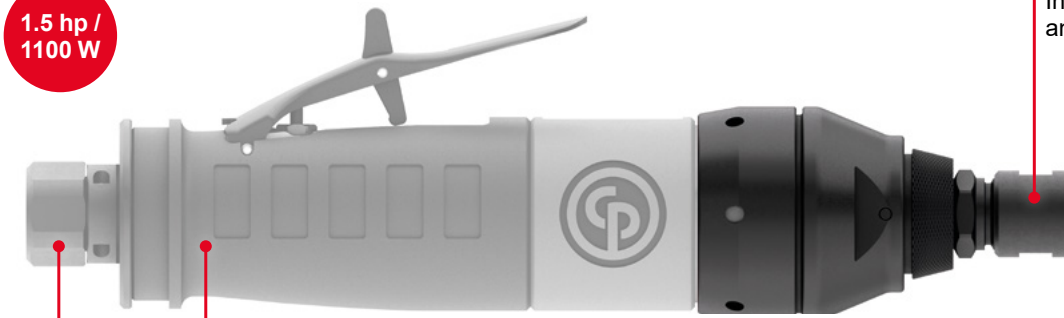
### COMPACT POWER

Only 2.6 lbs (1.2 kg) for 1.5 Hp!

### QUALITY AND VERSATILITY

Industrial Erickson collet for 1/4" and 6 mm shanks

1.5 hp /  
1100 W



### INNOVATIVE DESIGN

Unique feature to lock collet holder for easy change of mounted point/carbide burr



## Applications

Chamfering, finishing with 1/4" mounted wheels and carbide burrs

## 4 models

Shaft	Free speed	Model	Part #
Standard	12000 rpm	CP3550-120	615 160 0620
Extended		CP3550-120ES	615 160 2350
Standard	18000 rpm	CP3550-180	615 160 0630
Extended		CP3550-180ES	615 160 2360

NEW

## Also exist in angle die grinders - 1/4" collet



Shaft	Free speed	Model	Part #
Standard	12000 rpm	CP3550-120ACC	615 160 4420

# Angle sanders



*Great comfort and excellent durability*

**Range addition**

*New models 8500 rpm for sanding operations up to 7" abrasives.*

1.5 hp / 1100 W

360°



**FAST AND EASY**

Spindle lock button for easy and fast change of abrasive



## Applications

Sanding, finishing, surface cleaning and preparation

## 4 models

Max wheel capacity	Free speed	Spindle thread	Model	Part #
5" 125 mm	12000 rpm	M14	<b>CP3550-120AA</b>	615 162 0360
		5/8"	<b>CP3550-120AB</b>	615 162 0370
7" 180 mm	8500 rpm	M14	<b>CP3550-085AA</b>	615 162 0340
		5/8"	<b>CP3550-085AB</b>	615 160 0350

**NEW**



**Backing pad 7"**

(non included accessory)  
Soft: 6159901330  
Rigid: 6159901340

# Low speed angle sanders

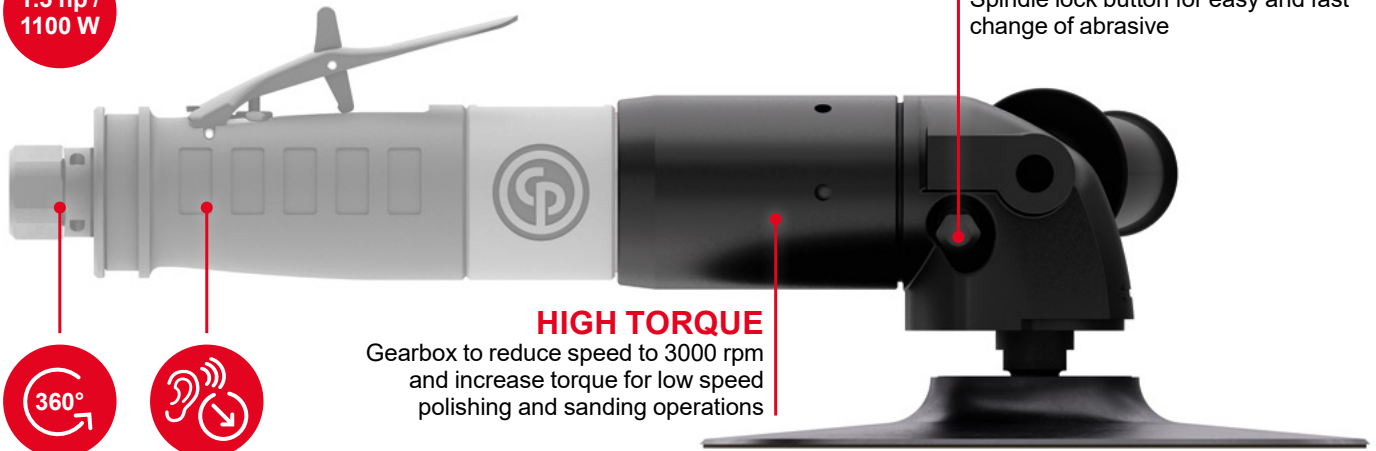


*Great comfort and excellent durability for sensitive applications*

## **Range addition**

*A new 3000 rpm range for sanding of stainless steel and polishing applications where high torque is necessary, 7" and 9".*

**1.5 hp /  
1100 W**



## **FAST AND EASY**

Spindle lock button for easy and fast change of abrasive

**360°**



## **HIGH TORQUE**

Gearbox to reduce speed to 3000 rpm and increase torque for low speed polishing and sanding operations

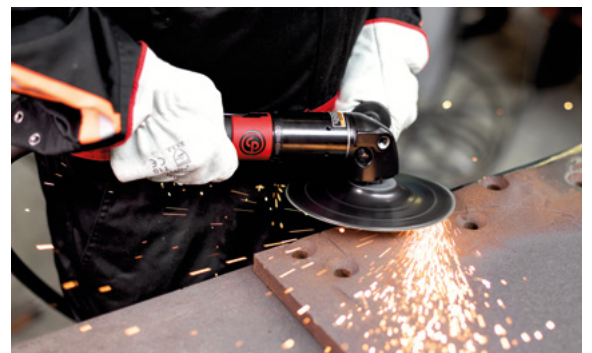
## *Applications*

Sanding, finishing, polishing, surface cleaning and preparation

## *2 models*

Max wheel capacity	Free speed	Spindle thread	Model	Part #
<b>9"</b> <b>230 mm</b>	3000 rpm	M14	<b>CP3550-030AA</b>	615 160 0300
		5/8"	<b>CP3550-030AB</b>	615 160 0310

**NEW**



## 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).

## AIR LINE ACCESSORIES

Valid for the whole range

Tool inlet size		Type	Tool max air consumption		Hose Recommended Diameter	
3/8"	10 mm	NPT	56 cfm	26 l/s	3/8"	16 mm

MUST HAVE	FRL	COUPLING & NIPPLE	AIR FUSE	COUPLING & NIPPLE	MUST HAVE	HOSE & CLAMPS	COUPLING & NIPPLE	HOSE WHIP	AIR FLEX
	<b>Metallic FRL</b> 1/2" NPT 2 stages 8940168517 3 stages 8940168518	<b>Claw coupling</b> 1/2" NPT 6158109080 <i>Order 2 units</i>	<b>Air Fuse</b> <b>Low Flow</b> 3/8" NPT 6158112470	<b>EF Coupling</b> Diameter 1/2" / 13 mm 6158105000		<b>Effi Max Hose</b> Diameter 3/8" / 16 mm 6158109010	<b>EF Coupling</b> <b>Hose connector</b> Diameter 3/8" / 16 mm 6158105410	<b>Hose Whip</b> Thread 3/8" / 10 mm Hose Ø 1/2" / 13 mm CA049271	<b>Air Flex</b> Thread 3/8" / 10 mm 8940171571
			<i>*The air fuse will protect for a 15m hose length. If you need a longer hose, please refer to the operator's manual.</i>	<b>Nipple</b> <b>Hose connector</b> Diameter 3/8" / 16 mm 6158111330		<b>Heavy Duty</b> <b>Pressure Clamp</b> Diameter 3/8" / 16 mm 6158110050 <i>Order 2 units</i>	<b>Nipple Female</b> 3/8" NPT 6158105780		

Set up made with EF coupling ISO6150B type (NA, France, Italy)

## TUNE-UP KIT

Tool model	Part number
For all the CP3550 except the ones listed below	615 399 5300
CP3550 die grinders 120 / 180 / 120ES / 180ES	615 399 7090
CP3550 low speed sanders 030AA / 030AB	615 399 7030

## OIL

Part number	Volume
CA149661	4 oz / 120 ml
CA000046	20.8 oz / 591 ml
P089507	1 gal. / 3.8 L



For more information, please contact your Chicago Pneumatic partner:



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