

CP3330 & CP3340 Series

3.7 hp and 4.5 hp Industrial Vertical Grinders



*Designed for 6" (150 mm),
7" (180 mm) & 9" (230 mm) wheels*

- ✓ **Best in class productivity**
- ✓ **Optimal operator safety**

People.
Passion.
Performance.



**Chicago
Pneumatic**

CP3330 & CP3340 Series

3.7 hp / 2800 W and 4.5 hp / 3400 W Industrial Vertical Grinders

Deliver best in class productivity and offer optimal operator safety.

HIGH POWER MOTOR

High torque 3.7 hp and 4.5 hp motors for the most demanding applications

2 TIMES FASTER MATERIAL REMOVAL VERSUS COMPETITION

STREAMLINED SAFETY LEVER

Allows easy tool operation while wearing heavy gloves

OVERSPEED SHUT-OFF DEVICE

Avoids abrasive bursts in case of accidental air pressure variations

AIR GOVERNOR

Maintains abrasive speed and productivity under operator load

ROBUST HOUSING

Durable aluminum housing, designed to withstand tough usage

HIGH RESISTANCE PROTECTIVE GUARD

Smart design combines durability and operator safety (2.6 mm / 12 gauge thick)



6 MODELS AVAILABLE BUILT UPON 3.7 HP OR 4.5 HP MOTORS AND 3 TYPES OF WHEELS

- 6" (150 mm) grinding cup wheels (type 6 & 11)
- 7" (180 mm) abrasive grinding, cutting wheels and flap wheels (type 27 & 28)
- 9" (230 mm) abrasive grinding, cutting wheels and flap wheels (type 27 & 28)



ANSI COMPLIANT MODELS (CAGI B186-1)

Power	Model	Part #	Max Wheel Capacity
3.7 hp 2800 W	CP3330-SALAVET	615 160 9210	6" 150 mm
	CP3330-SALAVAD	615 160 9220	7" 180 mm
	CP3330-SALAVEL	615 160 9230	9" 230 mm
4.5 hp 3400 W	CP3340-SALAVET	615 160 9270	6" 150 mm
	CP3340-SALAVAD	615 160 9280	7" 180 mm
	CP3340-SALAVEL	615 160 9290	9" 230 mm

CE COMPLIANT MODELS (ISO 11184-7)

Power	Model	Part #	Max Wheel Capacity
3.7 hp 2800 W	CP3330-SALAVET	615 160 9210	6" 150 mm
	CP3330-SALAVADE	615 160 9250	7" 180 mm
	CP3330-SALAVELE	615 160 9260	9" 230 mm
	CP3340-SALAVET	615 160 9270	6" 150 mm
4.5 hp 3400 W	CP3340-SALAVADE	615 160 9310	7" 180 mm
	CP3340-SALAVELE	615 160 9320	9" 230 mm

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

CP OVERSPEED SHUT-OFF DEVICE

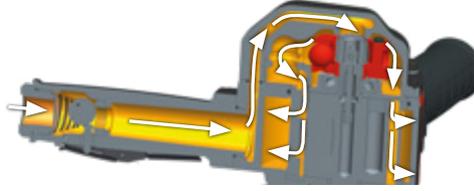
Reducing the risk of accident to increase operator safety

To maximize the operator safety and reduce the risks of abrasive related incidents due to air pressure fluctuations (above 90 PSI / 6.3 bar), the CP3330 and CP3340 feature an overspeed shut-off device.

In the unlikely event of overpressure, this device stops the tool, preventing the abrasive from over-speeding and causing possible accidents.

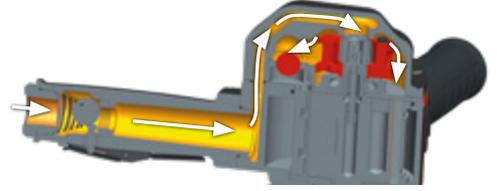
OVERSPEED SHUT-OFF DEVICE OPEN

The air flow is continuous from air inlet, through motor and to exhaust.



OVERSPEED SHUT-OFF DEVICE CLOSED

A steel sphere blocks the air stopping the motor rotation: the air flow is interrupted.



AIR GOVERNOR

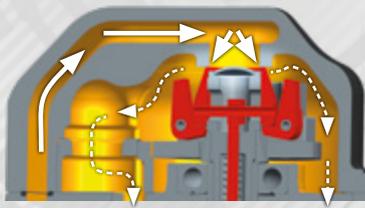
Intense industrial material removal applications require load application on the tool

MAINTAIN THE ABRASIVE SPEED

The air governor acts like a 'cruise control' for the grinder: it adjusts the airflow to the load, so that the wheel maintains its optimal speed. This maximizes the material removal application. Without an air governor, the wheel would slow down and the tool's efficiency would drop.

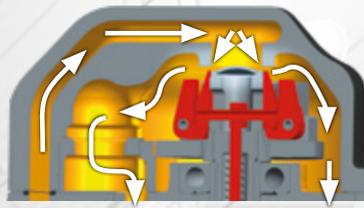
GOVERNOR CLOSED

The tool is running at free speed, with little to no load applied by the operator.



GOVERNOR OPEN

The tool is running and load is applied by the operator. The air governor opens up, to increase the air flow.



LEARN MORE ABOUT THE AIR GOVERNOR ON CP GRINDERS

Check out our **Expert Corner Technical Guide**

www.cp.com/en/tools/expert-corner



DESIGNED FOR INTENSIVE APPLICATIONS

Contouring, Deburring, Cutting, Finishing, Weld Cleaning
Material: cast iron, steel, stainless steel, aluminum, composite, magnesium, titanium



Metal Working



Shipbuilding



Fabrication



Oil & Gas



Foundries & Casting Plants



Energy



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.

AIR LINE ACCESSORIES

Tool max air consumption	Tool inlet dimension	Type	Recommended Hose Diameter
110 cfm	52 l/s	1/2"	NPT
			3/4"
			20 mm

MUST HAVE

FRL

3/4" NPT Metallic FRL
2 stages 8940168519
3 stages 8940168520

Recommended setup
Claw couplings at FRL exit to limit pressure drop and increase safety.

3/4" NPT Claw Coupling Male
6158109090
Order 2 units

SAFETY

AIR FUSE

3/4" NPT Air Fuse High Flow
6158112500

MUST HAVE

HOSE & CLAMPS

Effi Max Hose
Diameter 3/4" (20 mm)
6158109020

3/4" Pressure clamp
6158110060 *Order 2 units*

NPT Screwed Hose Connector
Diameter 3/4" (19 mm)
Not available yet

SAFETY & ERGONOMICS

COUPLING & NIPPLE

EF Hose Connector
Diameter (19 mm)
6158105490

1/2" NPT Nipple Female
6158105870

SAFETY & ERGONOMICS

HOSE WHIP

1/2" Thread NPT Hose Whip
Diameter 5/8" (16 mm)
6158112660

SAFETY & ERGONOMICS

CONNECTING ACCESSORY

1/2" NPT Air Flex
8940171567

TUNE-UP KIT

Tool model	Part number
CP3330	6153994120
CP3340	6153994130

OIL

Part number	Volume
CA149661	4 oz / 20 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