



# New CP3650 series

Durable productivity  
in the toughest work  
environments

# New CP3650 angle grinders and sanders series

## Best seller CP3650 now with 25% increased durability and superior ergonomics

For industrial heavy-duty applications requiring a powerful, durable and versatile tool, the new CP3650 series is the perfect combination of quality and value.

This Grinder & Sander series delivers sustainable productivity thanks to the 1800W governed motor, high maintenance intervals and efficient abrasive disc change (HEX version).

Featuring +25% improved robustness with exceptional bevel gear life of 2500 hours, improved ergonomics increasing operator safety and comfort and 7% carbon footprint reduction against previous models.

The new innovative CP3650 series, designed to deliver sustainable productivity with no compromise on operator safety and wellbeing.

## Main features and characteristics

Protective rubber on angle head housing

Multi-position and 2-sides vibration damping side handle

Steel swiveling air inlet

Spindle-lock button

New bevel gear design

Easy adjustable guard by button pulling

**Durability** **Productivity** **Ergonomics** **Safety**



New bevel gear design



Steel swiveling air inlet



Multi-position vibration damping side handle



Easy adjustable guard



Protective rubber

## The NEW CP3650 is designed for a large variety of inside and outside applications



Deburring



Weld seam removal



Panel cutting



Surface preparation



## A large range of accessories

Sound reduction accessories to decrease the noise levels until 11 dB(A):



Silencer kit  
(6153961660)



Clip-on silencer  
(6153969570)



Exhaust hose  
(6158751130)

Dust extraction kits:



for cutting discs  
(6158136210)



for 5" and 7"  
sanding discs  
(6158136220 &  
6158136230)

Protective guards for sanding:



Small finger  
guard  
(6158136250)

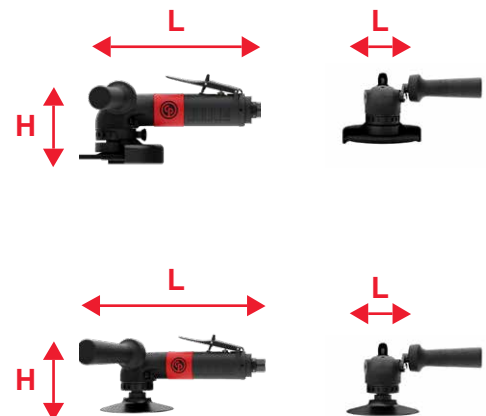


Large  
finger guard  
(6158136240)

## Technical data

	Model	Reference	Power		Free Speed rpm	Spindle shaft	Auto balancer	Max wheel size		Air Inlet in.	Air cons. at free speed NI/s	Air cons. at load NI/s	Sound power Standard dB(A)	Sound Pressure	Vibration
			W	HP				in.	mm						
Grinders	CP3650-120AB45	6151607840	1800 W	2,4	12000	5/8-11	No	4 1/2	115	3/8	17.6 NI/s	17.6 NI/s	101	90	7.0 m/s <sup>2</sup>
	CP3650-120AB5	6151607850	1800 W	2,4	12000	5/8-11	No	5	125	3/8	17.6 NI/s	17.6 NI/s	101	90	7.4 m/s <sup>2</sup>
	CP3650-120AA5	6151607860	1800 W	2,4	12000	M14	No	5	125	3/8	17.6 NI/s	17.6 NI/s	101	90	7.4 m/s <sup>2</sup>
	CP3650-120AA5V	6151607870	1800 W	2,4	12000	M14	Yes	5	125	3/8	17.6 NI/s	17.6 NI/s	103	92	5.2 m/s <sup>2</sup>
	CP3650-120AH5V	6151607880	1800 W	2,4	12000	Hexa	Yes	5	125	3/8	17.6 NI/s	17.6 NI/s	103	92	3.8 m/s <sup>2</sup>
	CP3650-100AB6	6151607890	1695 W	2,2	10000	5/8-11	No	6	150	3/8	13.0 NI/s	13.0 NI/s	100	89	5.9 m/s <sup>2</sup>
Sanders	CP3650-120AB	6151620420	1800 W	2,4	12000	5/8-11	No	5	125	3/8	17.6 NI/s	17.6 NI/s	104	93	2.6 m/s <sup>2</sup>
	CP3650-120AA	6151620430	1800 W	2,4	12000	M14	No	5	125	3/8	17.6 NI/s	17.6 NI/s	104	93	2.6 m/s <sup>2</sup>
	CP3650-085AB	6151620440	1800 W	2,4	8500	5/8-11	No	7	180	3/8	17.6 NI/s	17.6 NI/s	104	93	2.3 m/s <sup>2</sup>
	CP3650-085AA	6151620450	1800 W	2,4	8500	M14	No	7	180	3/8	17.6 NI/s	17.6 NI/s	104	93	2.3 m/s <sup>2</sup>
	CP3650-075AB	6151620460	1720 W	2,3	7500	5/8-11	No	7	180	3/8	13.1 NI/s	13.1 NI/s	101	90	2.0 m/s <sup>2</sup>

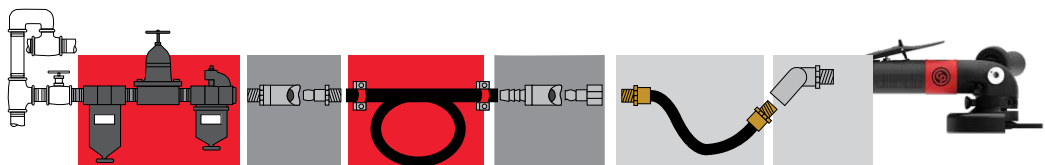
	Model	Reference	Length (L)		Height (H)		Width		Weight	
			mm	in.	mm	in.	mm	in.	kg	lbs
Grinders	CP3650-120AB45	6151607840	247.5	9.74	102	4	130	5.1	2.2	4.9
	CP3650-120AB5	6151607850	247.5	9.74	102	4	140	5.5	2.2	4.9
	CP3650-120AA5	6151607860	247.5	9.74	102	4	140	5.5	2.2	4.9
	CP3650-120AA5V	6151607870	247.5	9.74	102	4	140	5.5	2.2	4.9
	CP3650-120AH5V	6151607880	247.5	9.74	102	4	140	5.5	2.2	4.9
	CP3650-100AB6	6151607890	247.5	9.74	103	4	173	6.8	2.3	5.1
Sanders	CP3650-120AB	6151620420	247.5	9.74	94	3.7	68	2.7	1.8	4
	CP3650-120AA	6151620430	247.5	9.74	90	3.54	68	2.7	1.8	4
	CP3650-085AB	6151620440	247.5	9.74	94	3.7	68	2.7	1.8	4
	CP3650-085AA	6151620450	247.5	9.74	90	3.54	68	2.7	1.8	4
	CP3650-075AB	6151620460	247.5	9.74	94	3.7	68	2.7	1.8	4






## Recommended airline

Tool air consumption	74 cfm	35l/s
Tool inlet thread	3/8 BSP	
Recommended hose diameter and length	1/2" - 16ft	13 mm - 5 m



**MUST HAVE**

**FRL**




**FRL12BSP**  
6158135640

**EF coupling BSP Male 1/2"**  
6158135640  
**Nipple BSP Male 1/2"**  
6158106660

**For Asia:**  
Asia coupling BSPT Male 1/2"  
6158106580  
Asia Nipple Hose connector 13mm (set of 10):  
6158134800

**SAFETY**

**AIR FUSE**




**Air Fuse High Flow BSP 1/2"**  
110442

**For Asia:**  
no Air Fuse & Hose connector screwed.

**MUST HAVE**

**HOSE & CLAMPS**




**Effi Max Hose Ø 3/8" (13mm)**  
6158109000

**Hose Connector Screwed 13mm 1/2" BSP**  
8951011805

**Pressure clamp (order 2 units)**  
6158046770

**SAFETY & ERGONOMICS**

**COUPLING & NIPPLE**




**EF Hose Connector Coupling (13mm)**  
6158106520  
**Nipple BSP Female 3/8"**  
6158106710

**For US:**  
EF Hose Connector Coupling (13mm)  
6158105470  
Nipple NPT Female 3/8"  
6158105860

**SAFETY & ERGONOMICS**

**HOSE WHIP**




**Hose Whip Effi Max BSP Male 3/8" Ø 1/2" (13 mm)**  
Length 0,6 m  
6158112640

**For US:**  
Hose Whip Effi Max NPT Male 3/8" Ø 1/2" (13 mm)  
Length 0,6 m  
CA049271

**SAFETY & ERGONOMICS**

**CONNECTING ACCESSORY**



**3/8" BSP Air Flex**  
8940171570

**For US:**  
3/8" NPT Air Flex  
8940171571



**WATCH THE  
CP3650 SERIES  
IN ACTION!**

For more information, please contact your CP partner:

**TECHNISCH BUREAU**

**DUSPRA**

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Use only authorized parts. Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability.