



Photo: 9565PCV



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Angle Grinder

Satisfy Professional's Needs

115mm (4-1/2")
9564PC / PCV

125mm (5")
9565PC / PCV

150mm (6")
9566PC / PCV

Easy-to-operate paddle switch

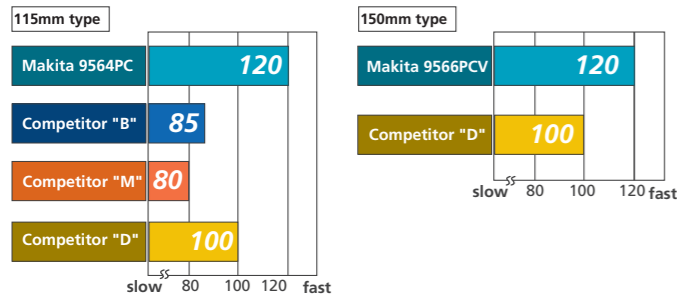


Comparison Performance

Note: Numbers in the charts below are relative values when the capacities of Competitor "D" model are indexed at 100.

Efficiency of concrete cutting

Test conditions : Cut concrete to depth of 20 mm.
Diameter of equipped wheel : 115mm (4-1/2")



Accessories

Accessories	Head Cover	Wheel Cover for Cut-Off Wheel	Dust Collecting Wheel Guard	Dust Collecting Wheel Guard
Part No.				
For Model				*Economy type
9564PC / 9564PCV		122642-1	192618-2	192968-5
9565PC / 9565PCV	417322-5	122641-3		*193794-5
9566PC / 9566PCV		165342-0		

Accessories	Brush Cover for Wire Cup Brush	Rubber Pad	Vibration Proof Grip	Weight Damper Fulcrum
Part No.				
For Model				
9564PC / 9564PCV	-	743036-3		
9565PC / 9565PCV	193066-8	743015-1	194514-0	
9566PC / 9566PCV		743016-9		

Angle Grinder	9564PC / 9564PCV / 9565PC / 9565PCV / 9566PC / 9566PCV					
	115mm (4-1/2")	115mm (4-1/2")	125mm (5")	125mm (5")	150mm (6")	150mm (6")
Continuous rating Input	1,400W	1,400W	1,400W	1,400W	1,400W	1,400W
Capacity (Wheel diameter)	115mm (4-1/2")	115mm (4-1/2")	125mm (5")	125mm (5")	150mm (6")	150mm (6")
No load speed	11,500rpm	2,800-11,500rpm	11,500rpm	2,800-11,500rpm	10,000rpm	4,000-10,000rpm
Overall length	307mm (12-1/8")	307mm (12-1/8")	307mm (12-1/8")	307mm (12-1/8")	307mm (12-1/8")	307mm (12-1/8")
Net weight	1.9kg (4.2lbs)	1.9kg (4.2lbs)	1.9kg (4.2lbs)	1.9kg (4.2lbs)	1.9kg (4.2lbs)	1.9kg (4.2lbs)
Power supply cord	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)
Double insulation	○	○	○	○	○	○
Super joint system (SJS)	○	○	○	○	○	○
Variable speed	×	○	×	○	×	○
Electronic speed control	○	○	○	○	○	○
Soft start	○	○	○	○	○	○
Standard Equipment	Depressed Center Wheel, Lock Nut Wrench, Side Grip					

Items of standard equipment and specifications may differ by country or area.

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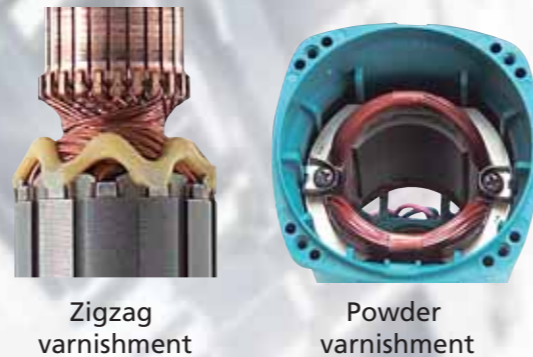


Powerful Motor Angle Grinders

115mm (4-1/2"): 9564PC, 9564PCV
 125mm (5"): 9565PC, 9565PCV
 150mm (6"): 9566PC, 9566PCV

High power & Heavy-Duty motor

New Field with superior wiring technology leads to higher wattage without motor-size expansion. The successors inherit slim body, zigzag varnishment on armature and powder varnishment on field from the predecessors.



Zigzag varnishment

Powder varnishment

1,400W



Photo: 9565PCV

Easy-to-operate paddle type on/off switch

- Can be easily controlled by the hand gripping the machine.
- With non-slip pattern on the surface of paddle lever for easy on-off control
- The lock-off button is positioned in the center of the paddle lever so that it is operable no matter what portion of the lever is gripped.



Toolless Wheel Cover

Super Joint System

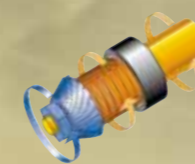
- When wheel is accidentally locked:
 - Absorbs shock to operator.
 - Protects gears from damage.
- Ensures smooth grinding feeling.



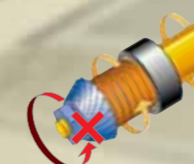
Armature shaft

Coil-Spring

Spiral bevel gear



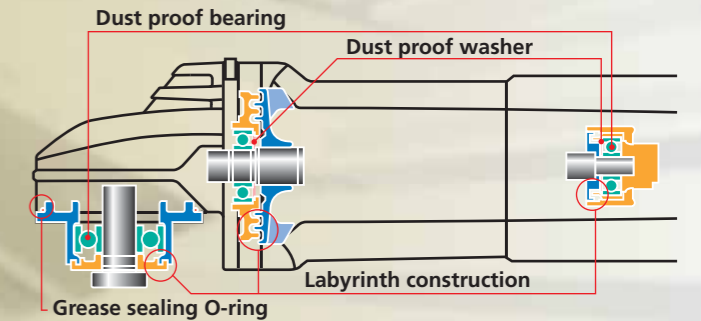
1. When rotation starts:
 With the rotation of armature shaft, Coil-Spring is extended and its tightening force increases so that armature shaft is fixed firmly and transmitted to spiral bevel gear.



2. When wheel is accidentally locked:
 The Coil-Spring will be in slippery condition against the shock by accidental spindle lock or overload which surpasses the limited torque designed for the tool. This will prevent the damage of gears or armature and ensure longer tool life.

More Durable Gears and Bearings

- Gears are lubricated by securely sealed grease in gear room.
- Bearings are protected from dust/dirt by Labyrinth construction.



Easy-to-Grip Shape

Internal brush holders enable the machine circumference to be flat without protrusions.



Auto Cut-out Carbon Brush

Automatically stops the motor to protect commutator when Carbon Brush wears out.



Speed Control Dial

for Model 9564PCV, 9565PCV, 9566PCV
 Rotation speed is selectable to work piece.



Electronic Limiter & Electronic Controller

- Stops the current to protect the motor from burning when there is accidental overload on the machine.
- Restarts the motor automatically when the machine is freed from the load again.
- The constant speed control keeps minimizing the speed loss under loaded conditions and enables highly efficient operation.
- The soft starter suppresses the rotation speed for seconds at startups to reduce the starting shock.

115 mm (4-1/2")	125 mm (5")	150 mm (6")	Input (W)	No load speed (rpm)	Super Joint System -SJS	Electronic limiter	Soft start	Electronic speed control	Variable speed
9564PC	9565PC	9566PC	1,400	11,500 (9564/9565PC)	○	○	○	○	×
				10,000 (9566PC)					
9564PCV	9565PCV	9566PCV		2,800 - 11,500 (9564/9565PCV)	○	○	○	○	○
				4,000 - 10,000 (9566PCV)					