



Photo: 9565PC



Photo: 9564PC



Angle Grinder

125mm (5")
9565PC

Satisfy Professional's Needs

Easy-to-operate paddle switch

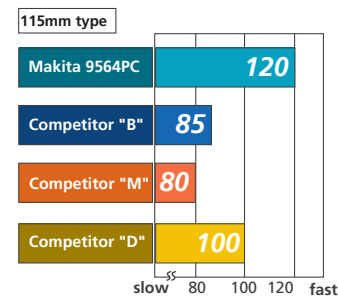


Comparison Performance

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

Dust Collecting Wheel Guard		
196845-3	195239-9	*193794-5
743015-1	194514-0	

Angle Grinder		9565PC 125mm (5")	318
	Continuous rating Input	9565PC 1,400W	
	Capacity (Wheel diameter)	125mm (5")	
	No load speed	11,500rpm	
	Overall length	307mm (12-1/8")	
	Net weight	1.9kg (4.2lbs)	
	Power supply cord	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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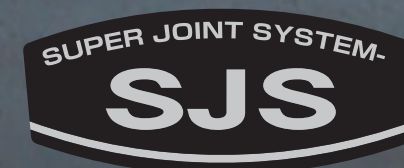


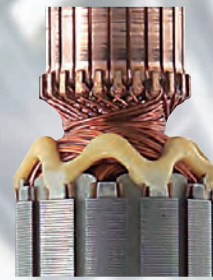
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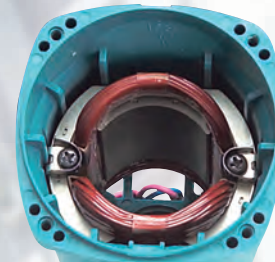
Powerful Motor Angle Grinder 125mm (5"): 9565PC

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



Photo: 9565PC

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.



Paddle switch

Lock-off button



Toolless Wheel Cover

125 mm (5")	Input (W)	No load speed (rpm)	Super Joint System -SJS	Electronic limiter	Soft start	Electronic speed control	Variable speed
9565PC	1,400	11,500	○	○	○	○	×

Super Joint System

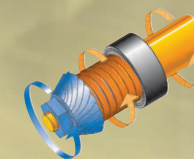
- When wheel is accidentally locked:
 - Absorbs shock to operator.
 - Protects gears from damage.
- Ensures smooth grinding feeling.



Armature shaft

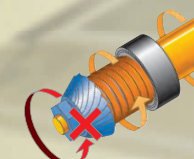
Coil-Spring

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.

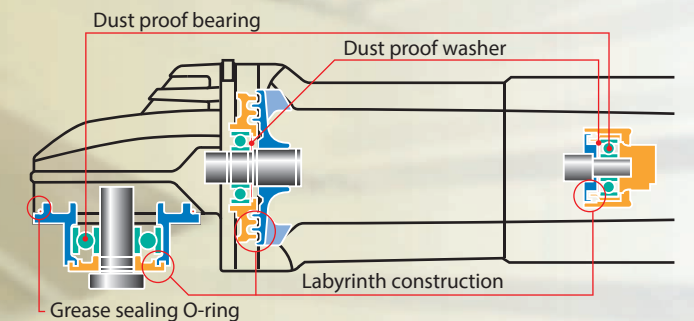


2. When wheel is accidentally locked:

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 gearbox.
- Bearings are protected from dust/dirt by Labyrinth construction.



Dust proof bearing

Dust proof washer

Grease sealing O-ring

Labyrinth construction

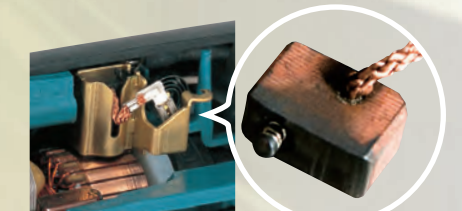
Easy-to-Grip Shape

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.



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.