

HK KOLORS INTERNATIONAL CO., LTD.

CPT (Shenzhen) Industrial Consumable and Equipment Co., Ltd

CPT-A-WL36-3

Dry & wet vortex polishing machine



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Section 1: Main application

Wet type CPT-A-WL36-3 is suitable for rough and medium polishing of stainless steel, copper, titanium and other hardware parts ; dry type is often used for fine polishing. The wet type production is lower than the vibrator and higher than the centrifuge; it saves half the time of the vibrator. The dry type production is lower than slow wooden polishing machine, but it saves 1 / 2 time.

Vortex polishing machine can take out the workpiece at any time to check the polishing effect, convenient and time-saving. It is often used in the rough and medium polishing of a large amount of small workpieces.

Section 2: Main parameters

Model Project	CPT-A-WL36-1	CPT-A-WL36-2	CPT-A-WL36-3
Maximum capacity	36L	36LX2	36LX3
Working capacity	28L	28LX2	28LX3
Barrel speed	0—416 r/min	0—416 r/min	0—416 r/min
Service voltage	380V50-60HZ	380V50-60HZ	380V50-60HZ
Motor power	2.20KW	2.20KWX2	2.20KWX3
Motor speed	1455 r/min	1455 r/min	1455 r/min
Deceleration ratio	1 : 3.6	1 : 3.6	1 : 3.6
Overall dimension	880X780X 1440mm	1480X780X 1440mm	2120X780X 1440mm
Weight	220kg	370kg	530kg

Section 3 : Polishing media

3.1 Wet Polishing

3.1.1 Polishing material (2 / 3 of barrel)

Stainless steel :

Corundum (Rough) ball/inclined triangle /triple star(select size by workpieces)

Yellow rubber stone (Medium I) 800# 10x10 cone + triangle (1:1)

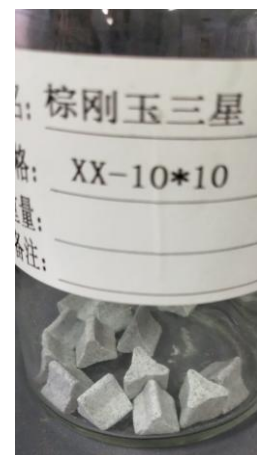
Pink rubber stone (Medium II) 1200# 10x10 cone + triangle (1:1)

Copper:

Green rubber stone (Rough) 400# 10x10 cone + triangle (1:1)

Yellow rubber stone (Medium I) 800# 10x10 cone + triangle (1:1)

Pink rubber stone (Medium II) 1200# 10x10 cone + triangle (1:1)



3.1.2 Polishing fluid

Add water until water overflows pump and proper amount of polishing agent into the sedimentation tank. Slowly stir the agent and water in the sedimentation tank to make them fully dissolve.

3.2 Dry Polishing

3.2.1 Polishing medium (2 / 3 of barrel)

24 # walnut chips is generally used.



3.2.2 Polishing Paste

Metal Fine Polishing Paste AP-2 is selected. For the first time, 2% - 3% of walnut weight is added; for the second time, 0.1% - 0.2% is added.

Section 4 : Polishing time

4.1 Wet Polishing

Rough: Stainless steel : 1-2h Copper : 2-3h

Medium I : 2-3h

Medium II : 2h

4.2 Dry Polishing

Fine : 4 h

✂The final time depends on the actual effect

Section 5 : Flow chart of polishing equipment

5.1 Big size workpieces (White shiny)

Vibration polishing machine (Rough Polishing) → → → → **Wet vortex polishing machine** (Medium polishing two procedure)
/Vibration polishing machine (Medium polishing two procedure) →

→ → →Magnetic polishing machine(If there is no complex surface , then it can be omitted) → → → → (Left & right or Up & down) polishing machine (Fine Polishing) / **Dry vortex polishing machine** (Fine Polishing , Shorter time and less production)

5.2 Small size workpieces (White shiny)

Wet vortex polishing machine(Rough and medium polishing three procedure) → → → →Magnetic polishing machine (If there is no complex surface , then it can be omitted) → → → →Horizontal centrifugal polishing machine (Fine Polishing , Shortest time and least production) / **Dry vortex polishing machine** (Fine Polishing , Shorter time and less production) / (Left & right or Up & down) polishing machine (Fine Polishing) (Longest time and biggest production)

5.3 Very smooth surface, very high brightness (Black shiny)

Wet vortex polishing machine (Rough polishing one procedure) → → → →Magnetic polishing machine (If there is no complex surface , then it can be omitted) → → → →High speed hanger polishing machine (Rough、Fine and Super shiny polishing three procedure)



Wet Polishing(white)



Dry Polishing(black)

**Powerful
Polishing
Machine**

A. Vortex polishing machine:

1. Dry & wet vortex polishing machine:

CPT-A-WL36-1 CPT-A-WL36-2 CPT-A-WL36-3

CPT-A-WL50

2. Wet vortex polishing machine:

CPT-A-WL60 CPT-A-WL120

3. Magnetic polishing machine:

CPT-A-CL400 CPT-A-CL500 CPT-A-CL600

CPT-A-CL800 CPT-A-CL1000

B. Centrifugal polishing machine:

1. Horizontal centrifugal polishing machine:

CPT-B-WSLX30 CPT-B- WSLX 40 CPT-B- WSLX 60

CPT-B-WSLX80 CPT-B- WSLX 100

2. Adjustable oblique polishing machine

CPT-B-KTXX60 CPT-B-KTXX 100

3. High speed hanger polishing machine

CPT-B-GSSX400

4. Left & right polishing machine

CPT-B-MSZY600

5.Up & down polishing machine

CPT-B-MSSX480

C. Vibration polishing machine

1. Cylinder vibration polishing machine

CPT-C-ZTZ150 CPT-C-ZTZ200

CPT-C-ZTZ350 CPT-C-ZTZ400

2. Straight tunnel vibration polishing machine

CPT-C-ZKZ150 CPT-C-ZKZ200

CPT-C-ZKZ350 CPT-C-ZKZ400

3. Drum vibration polishing machine

CPT-C-GSZ150 CPT-C-GSZ200

CPT-C-GSZ350 CPT-C-GSZ400

4. Horizontal vibration polishing machine

CPT-C-WSZ60 CPT-C-WSZ80

5. Vibration screening machine

CPT-C-ZDSF1400

