

Conveyor Roller Bearing Pressing Machine



■ Features

- With specially designed hydraulic cylinders, the damage to inner sealing will be avoided as excessive pressure is damped within the cylinder in addition to fitting the bearings exactly at the set position.
- New designed pressing tools is more convenient for initial setting and consumes less switch time for different size of rollers.
- A special feature, 'Pressing delay time' is added in the machine, which ensures the exact positioning of bearings by holding the bearings at set position for few seconds before retracting, thus improving the assembly quality.
- The machine has a rigid structure, which can be used under any environment, ensures consistency in high quality rollers for many years.
- Both cylinders are concentric and are synchronized which ensures equal and opposite pressures on both the sides.
- Installation and operation is very user friendly. The system removes the requirement of a skilled operator & hence reduce dependency. Hence high quality rollers are ensured by the machine and not by the operator.

■ Switch time & Productivity

- Switch time is around 15 min to change the pressing tools and adjust the setting.
- The machine is highly productive and has the capacity to produce upto 800 rollers per shift.

■ Main Specifications

S. No.	Parameter	YZY-219-2.6C-K
1	Input power supply	3 phase 415V
2	Machine tool centre height	790 mm
3	Pressing assembly roller diameter	76 – 219 mm
4	Pressing assembly roller length	200 - 2600 mm
5	Hydraulic system pressure	1.5 – 4 mPa
6	Maximum press assembly force	6000 kg.f
7	Concentricity error of the two press assembling shafts	≤ 0.15 mm
8	Hydraulic system motor	5.5 Kw
9	Dimensions (L x W x H)	4900 x 1100 x 550 mm
10	Weight	2200 Kg

■ Standard pressing tools

S. No.	Name	Part number	Quantity
1	Pressing tip 6204 Assy	KWA00044	2
2	Pressing tip 6205 Assy	KWA00047	2
3	Pressing tip 6305 Assy	KWA00050	2
4	Pressing tip 6306 Assy	KWA00053	2
5	Pressing tip 6307 Assy	KWA00056	2
6	Pressing tip 6308 Assy	KWA00059	2

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