

Automatic Rotary Tablet Press

KP2 Series

KP2-Series is a high-speed rotary tablet press with having pre-pressure & main pressure station. It's designed based on GMP standard and easier operation & simple maintenance.

The machine could be expected high efficiency and increase high quality tablets productivity. According to GMP standard, the compression area is paint-free and completely covered stainless steel the compression zone.

The compression zone and upper punch cam could assemble & disassemble without any tools. Thus changeover time and cleaning time is very fast & convenient.

We have obtained CE Mark certification from TUV NORD CERT. KIS Corporation to achieve quality standardization of all production equipment.



➤ Feature

- The small rotary press for R&D and small scale production.
- 13, 16, 19, 22 station.
- HMI & PLC control platform.
- According to GMP regulations.
- Pre compression.
- Main compression

Automatic Rotary Tablet Press

Specification

Model No.		KP2-13	KP2-16	KP2-19	KP2-22
Number of stations		13	16	19	22
Punch type		EU 1" IPT/TSM 1" D	EU 19 IPT/TSM 19 B	EU 19 IPT/TSM 19 BB	EU 19 IPT/TSM 19 BBS
Tablet output/h max.	min.	3,120	3,840	4,560	4,560
	max.	58,500	72,000	85,500	85,500
Main compression force max.	ton	6	6	6	6
Pre-compression force max.	ton	2	2	2	2
Tablet diameter max.	mm	25	16	13	11
Filling depth max.	mm	18	18	18	18
Tablet thickness max.	mm	8.5	8.5	8.5	8.5
Pitch circle diameter	mm	200	200	200	200
rpm Die table	rpm	4~75	4~75	4~75	4~75
Die diameter	mm	38.1	30.16	24	22
Die height	mm	23.8	22.22	22.22	22.22
Punch shaft diameter	mm	25.35	19	19	19
Punch length	mm	133.6(133.35)			
Upper punch penetration depth	mm	1~6			
Power consumption	kw	4			
Dimension (LXWXH_)	mm	756 x 808 x 1.828			
Net weight	kg	Approx. 1.700			

Automatic Rotary Tablet Press

Options – De-Duster



KSTDU-40



KSTDU-60

➤ Feature

Tablet de-duster model KSTD-40 and KSTDU-60 is specially designed cleaning system, which removes powder or dust from the finished tablets, which are pressed and then discharged by vibration.

Tablets turn over several times while compressed air blows off any loose dust on the tablets.

It meets the most stringent requirements in terms of GMP compliant design and construction quality.

- Variable intensity vibrator and stepped screen.
- Variable speed operation.
- Adjustable height for use with any type of tablet press.
- Sturdy 304 stainless steel construction with acrylic housing to meet GMP requirements.
- Products Contact parts applied STS 316L Material.
- Vacuum nozzle for dust control.
- All contact parts can be quickly dismantled for quick, easy, thorough cleaning.
- Easy to operate and maintain.

Automatic Rotary Tablet Press

Options – De-Duster

Specification

Model	KSTDU-40 (Uphill type)	KSTDU-60 (Uphill type)
Capacity	400,000 tab/h – 5mm round tablet	
	350,000 tab/h – 8mm round tablet	
	300,000 tab/h – 13mm round tablet	
	300,000 tab/h – 5mm x 4mm oval tablet	
	100,000 tab/h-19mm x 7mm oval tablet	150,000 tab/h-9mm x 7mm oval tablet
Dimension(mm)	450(W) x 450(D) x 1168(H)	460(W) x 500(D) x 1427(H)
Tablet Input Height(mm)	845~1005m (Available Adjustment)	715~865mm
Tablet Exhaust Height(mm)	Max. 910~1070mm (Available Adjustment)	845~995mm
Input Suit Width(mm)	130 x 80mm	115 x 40mm
Exhaust Suit Width(mm)	75mm	85 x 35mm
Electric	220V, 50/60Hz, 1Ph	
Transfer Speed	Vibration Type(Available Speed Control)	
Air Consumption	200m ³ /h – WS 200mm.	
Collector hose Diameter(mm)	φ32	φ38
Material	STS304 and Pharmaceuticals contacts STS316L	
Weight	97kg	135 kg

Options – Dust Collector



OVC-15B



OVC-15BS



OVC-37BS



OVC-37B

➤ Feature

The Dust collector, model OVC-15B, OVC-15BS, OVC-22B and OVC-37B has been designed to suck up shavings dust and it is mounted on casters in order to make the vacuum collector easy to handle. "BS" Models means all STS 304L material construction. The vacuumed material is subjected to a centrifugal action inside the tank where the coarser items fall owing to their weight, and the air passes through a filtering surface is discharged.

Specification

Model	OVC-15B	OVC-22B	OVC-37B	
Power source	220/380/440, 60/50Hz, 3Phase			
Motor HP(kW)	2HP(1.5kW)	2.2	5HP(3.7kW)	
Max. Air Quantity(m ³ /min)	4.4(60Hz), 3.5(50Hz)	5(60Hz), 4.1(50Hz)	6.5(60Hz), 5.5(50Hz)	
Max Pressure(mmAq±10%)	2,050(60Hz), 1,400 (50Hz)	2,250(60Hz), 1600(50Hz)	2,800(60Hz), 2,000(50Hz)	
Filter	Area(m ²)	0.95(60Hz), 0.85(50Hz)	1.1(60Hz), 0.94(50Hz)	2.3(60Hz), 2.16(50Hz)
	Quantity	6	6	1
	Material	Non-woven fabric	Non-woven fabric	P.E
	Size	φ100 x 450H	φ 100 x 500mmH	φ300 x 400mmH
Dust box capacity	20 Liter	20 Liter	40 Liter	
Suction Port (ø x m)	38 x 5	50 x 5	50 x 5	
Dimension (W x D x Hmm)	450 x 1034 x 1149	450 x 1048 x 1235	706x1273x1277	
Weight(kg)	90 kg	98 kg	160 kg	