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## SHJ and KP Series

### SHJ SERIES OF CO-ROTATING TWIN SCREW EXTRUDERS



SHJ 92mm Twin  
Screw Extruder



SHJ 20mm Twin Screw Extruder



SHJ 72mm Twin Screw Extruder

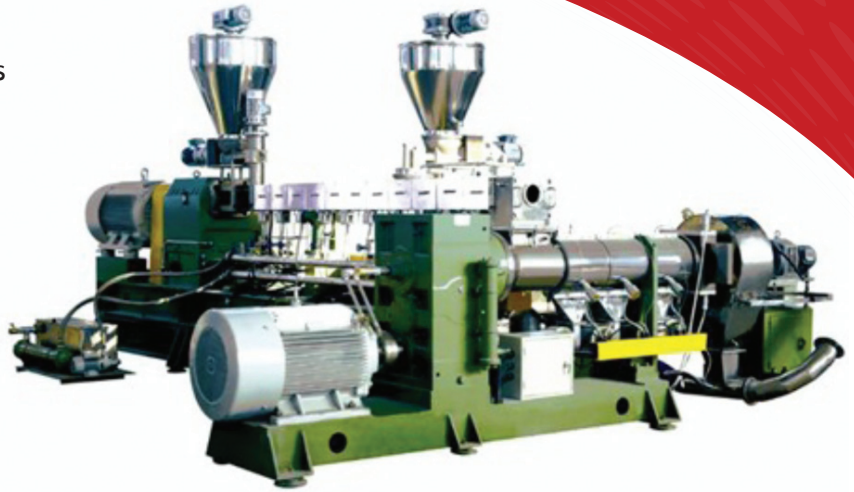
The SHJ Series of co-rotating twin screw extruders offer the best in value extruders available on the market today. Manufactured with the highest quality standards and industry designs, while meeting the industry expected reliability. SHJ Series extruders can be customized to meet the individual needs of the application. Some available options to choose from are as follows:

- Motor - AC or DC and standard or high power output
- Gearbox - standard torque or high torque (available in proprietary built, German built or Italian built)
- Controls - standard button control panel (Omron controls) or Siemens PLC control with the ability to integrate downstream equipment within the controls software
- Barrel Segments - Tool steel lined segments with a configurable number of barrel segments and arrangements.
- Screw Elements - Available in tool steel and stainless steel. Configurable styles consisting of standard designs and customer provided designs.
- Side Feeders and Crammer Feeders
- Loss In Weight feedings systems with Mezzanines
- Dies, Screen Changers (manual, hydraulic or dual bolt), Melt Pumps and Pellitizers (strand, water ring, hot face and underwater)
- Downstream Equipment - cooling tanks, vacuum sizers, pullers, cutters, laminating weblines, roll stacks, winders, etc.

## KP SERIES OF TWO STAGE COMPOUNDING LINES

KP Series of extruders are compounding systems for pelletizing heat sensitive materials. The system consists of two stages, the first is a SHJ co-rotating twin screw extruder for melting and mixing the material, and the second series is a SJ single screw extruder for metering material into the pelletizer.

This system allows for better control of shearing and compounding the material without the overheating problems seen on a single screw extrusion system. It is best suited for PVC and other heat sensitive materials.



### SHJ Series Co-Rotating Twin Screw Extruder Specifications

Model	SHJ-20	SHJ-30	SHJ-36	SHJ-43	SHJ-50A	SHJ-50B	SHJ-63A	SHJ-63B	SHJ-72A	SHJ-72B	SHJ-72M	SHJ-92A	SHJ-92B	SHJ-133
Screw Diameter (mm)	21.7	30.7	35.6	43	50.5	50.5	62.4	62.4	71.7	71.7	71.7	92.4	92.4	132.2
Screw Depth (mm)	3.85	4.7	6	7.5	9	9	11	11	12.6	12.6	12.6	15.5	15.5	23.6
L/D	32-40	32-49	35-50	35-55	32-56	32-56	32-56	32-56	32-56	32-56	44-48	32-56	32-56	32-56
Screw Max Speed (rpm)	600	600	600	600	500	600	500	600	500	600	600	500	600	400
Motor Power (hp)	4	15	20	50	60	75	100	120	150	175	325	420	725	800
Capacity (lb/hr)	5-25	60-110	80-130	140-260	170-330	260-440	330-550	440-770	650-1100	770-1300	1300-2200	1750-2650	2650-4400	3300-5500

### KP Series Two Stage Extruder Specifications (Twin/Single)

Model	L/D	Screw Max Speed (rpm)	Motor Power (hp)	Capacity (lb/h)
KP50-100	SHJ-50	20-48	500/600	300-650
	SHJ-100	7-15	60/90	
KP63-150	SHJ-63	20-48	500/600	650-1300
	SHJ-150	7-15	60/90	
KP72-180	SHJ-72	20-48	500/600	850-1750
	SHJ-180	7-15	60/90	
KP92-200	SHJ-92	20-48	400/600	1750-3300
	SHJ-200	7-15	60/90	
KP92-200	SHJ-133	20-48	400/600	2800-5000
	SJ-250	7-15	60/90	

