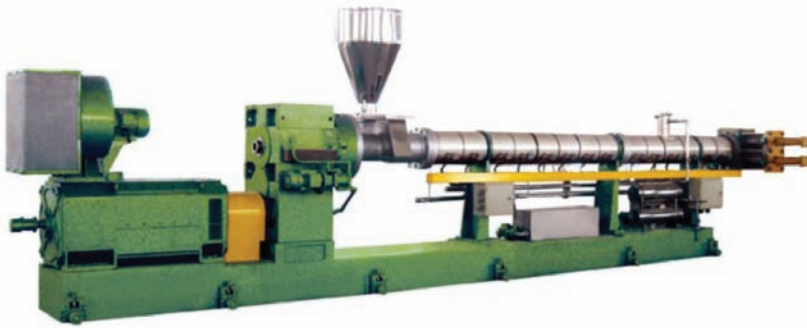


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## SJ and KS Series

### SJ SERIES SINGLE SCREW EXTRUDER



SJ 160mm Single Screw Extruder 36:1 L/D



SJ 120mm Single Screw Extruder 24:1 L/D



SJ 160mm Single Screw Extruder Sheet Line

SJ Series of extruders offer the best in value single screw extruders available on the market today. Manufactured with advanced designs that use high capacity bearings and torque limiters for long life while giving you high output at a low cost. SJ Series extruders can be used for many applications such as: sheet lines, profile lines, pelletizing, reprocessing and compounding lines. Some available options to choose from are as follows:

- Motor - AC or DC
- Gearbox - (available in proprietary built, German built or Italian built)
- Controls - standard button control panel or Siemens PLC control with the ability to integrate downstream equipment within the controls software
- L/D ratio can be defined
- Barrel manufactured out of nitrided steel or optional high wear resistant liners available
- Screw designs customized to individual application
- Crammer Feeders for reprocessing lines
- 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, pullers, cutters, weblines, roll stacks, winders, etc.

## KS SERIES RECYCLING LINES

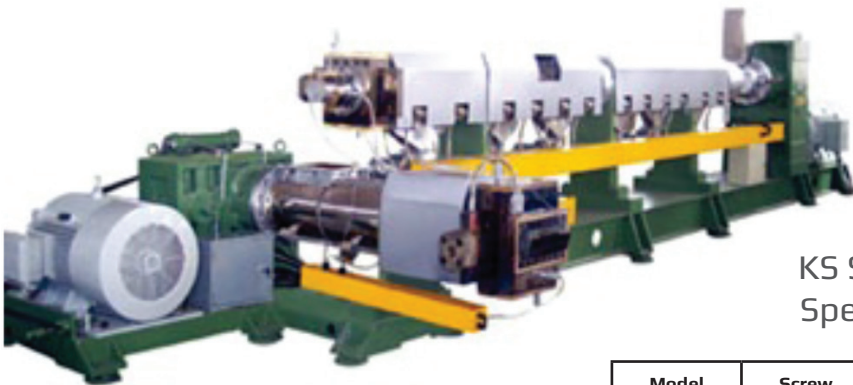
KS Series of extruders are specialized systems for recycling scrap materials (film, sheet, pipe). They incorporate the same designs as the SJ series but run the scrap material through two single screw extruders for added screen filtration and gasing of the material. This series of lines offer a high degree of automation which allows for high production output while maintaining quality product.

KS120/130 two-stage Extrusion Recycling Line



### SJ Series Single Screw Extruder Specifications

Model	SJ-26	SJ-30	SJ-45	SJ-50	SJ-65	SJ-75	SJ-90	SJ-100	SJ-120	SJ-150	SJ-170	SJ-180	SJ-200
Screw Diameter (mm)	25	30	45	50	65	75	90	100	120	150	170	180	200
L/D	25-30	25-30	26-32	26-32	26-33	26-33	26-38	7-38	26-38	7-35	26-56	7-48	7-56
Screw Max Speed (rpm)	150	150	120	120	120	120	120	62.5-100	90	62.5-90	90	62.5-90	62.5-90
Motor Power (hp)	4	7-10	10-20	25-30	30-50	50-75	60-150	75-175	175-270	250-425	300-600	400-725	500-800
Capacity (lb/h)	5-25	25-45	60-110	120-240	150-330	220-440	390-660	440-880	660-1500	880-2600	1500-3500	1300-4400	1750-5500



KS150/170 two-stage Recycling Extrusion Line

### KS Series Two Stage Extruder Specifications (Single/Single)

Model	Screw Diameter (mm)	L/D	Screw Max Speed (rpm)	Motor Power (hp)	Capacity (lb/h)
KS 90/100	90	28-33	120	75	300-550
	100	8	62.5	30	
KS120/130	120	28-33	90	100	550-900
	130	8	62.5	60	
KS150/170	150	28-33	90	120	900-1500
	170	8	62.5	100	
KP180/200	180	28-33	90	200	1500-2200
	200	8	62.5	135	