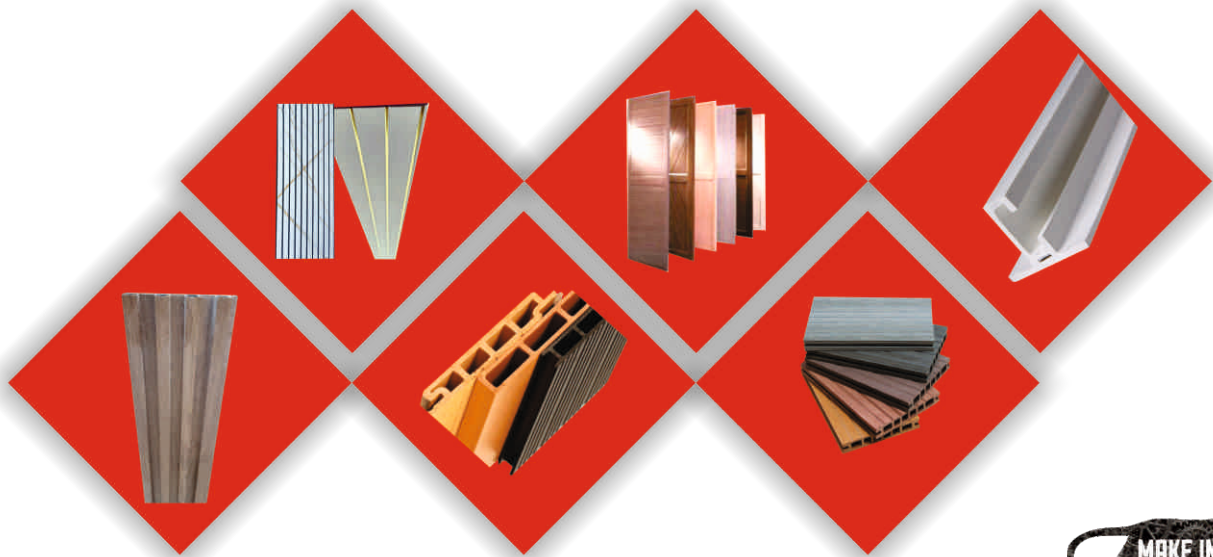
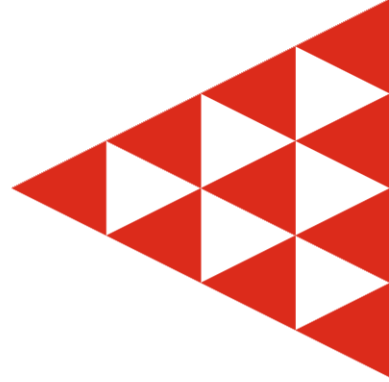


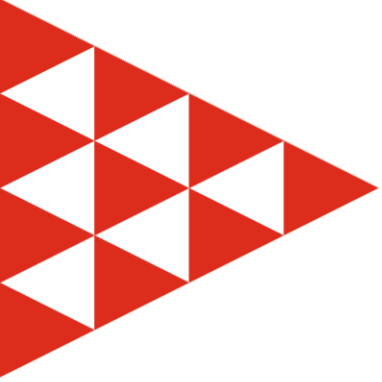
Since 2002



*Plastic  
processing  
Machinery*

**MANUFACTURER AND EXPORTERS OF.:**

- ▲ RPVC / UPVC / WPVC
- ▲ FOAM - BOARD SHEET PROFILE EXTRUSION
- ▲ HIGH SPEED MIXER



## Company Profile



An ISO 9001:2015 Certified Company



**Mr. Parshottam Panchal**  
**(Director)**

Our trade name Kisan Engineering and we are established in the year 2002. We are in business since 2002 having the state of art manufacturing facilities located at Dhamatvan, Ahmedabad and in the plot areas of 38700 sq. ft. We are leading plastic process industries with our latest technologies and highly reliable products.

We are one of the leading manufacturers, exporters, suppliers and traders plastic processing machinery including selection of proper products for various grade/quality of plastic depending on application with the help of latest software and our in depth products knowledge. The products are consistent in quality, cost effective and meet the specific customer requirements. The array is available in the demanded standard and finish. The Designers and Engineers develop the collection suiting specific business needs of the clients. In the making of the range, the team utilizes their skills and knowledge of the respective domain.

We provide complete solution to your need of plastic processing machinery including selection of proper products for various grade/quality of plastic depending on application with the help of latest software and our in depth products knowledge. We satisfy after market needs by providing all spares parts along with prompt and efficient service too. We have a capacious warehouse and packaging facility, which is capable of storing bulk finished orders in proper dispatch order. This unit is handled and well maintained by our team of skilled professionals.



## Twin Screw PVC Profile Extrusions Line (RPVC/UPVC/WPVC)





### Specification of Twin Screw Profile Extrusions Line (RPVC/UPVC/WPVC)

Model	KE - 45	KE - 51	KE - 55	KE - 65	KE - 80	KE - 92
Dimeter of Screw (mm)	45/90	51/105	55/120	65/132	80/156	92/188
Number of Screw	2	2	2	2	2	2
Screw Rotation Speed	1-45	1-45	1-40	1-35	1-37	1-33
Effective Length of Screw	985	1070	1200	1440	1800	2500
Main Motor Power	15	18.5	22/30	37	55	90
Output (Kg/Hr)	70	100	170	200-220	300-350	500-550

This PVC Profile extrusion line features stable plasticization, high output, low sheering force, long life service, and other advantages during pvc profile extrusion process.

The production line consists of control system, conical twin-screw extruder or parallel twin screw compounding extruder, extrusion die, calibration unit, haul-off unit, film coverina machine, and stacker The extruder is equipped with AC variable frequency or DC speed drive, imported temperature controller. The calibration unit's pump and haul-off unit's reducer are famous brand products. After simple changing of the die and screw and barrel, it also can produce the foam profiles, the effect can be better than single screw extruder.



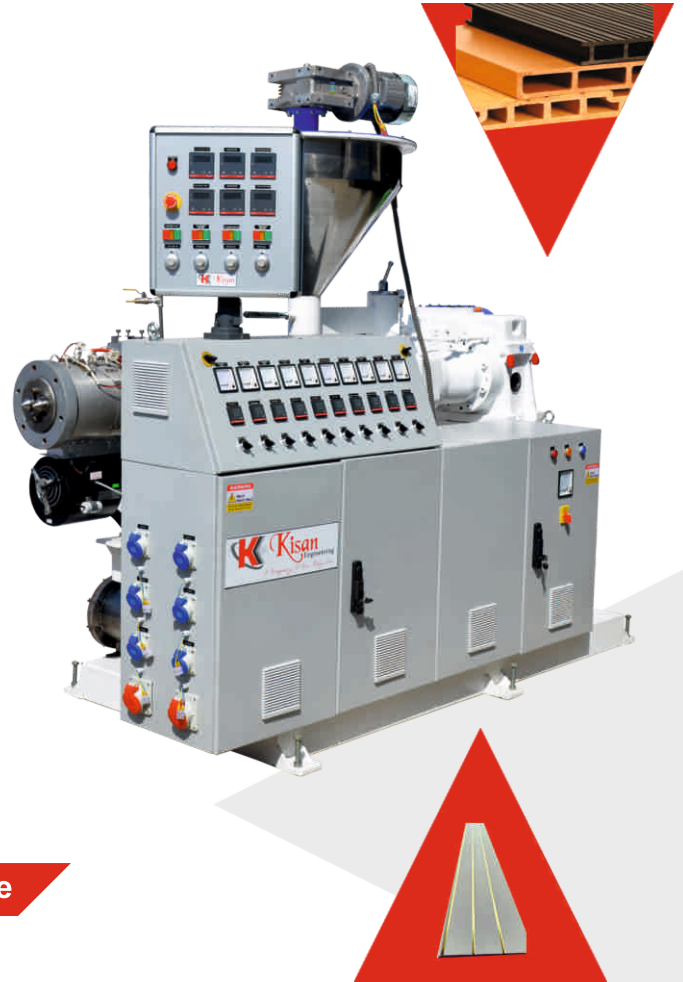
Kisan Engineering leadership position in the manufacture of Plastics Extrusion Machinery in India. Global giants in the manufacture of plastics extrusion machineries, it offers Twin Screw PVC Profile Lines with the best combinations of technology and performance. These low investment, power efficient, high-speed and high output plants, give processors the competitive edge and quick return on their investment.

## Profile Extrusion - Features

- ▲ High production reliability with low scrap production.
- ▲ Low energy consumption.
- ▲ Low maintenance costs.
- ▲ Higher line speed of operation.

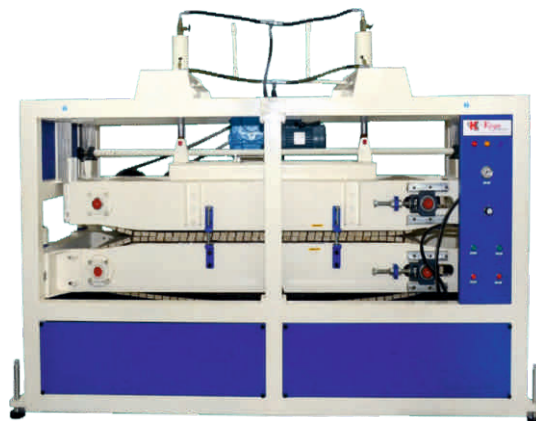
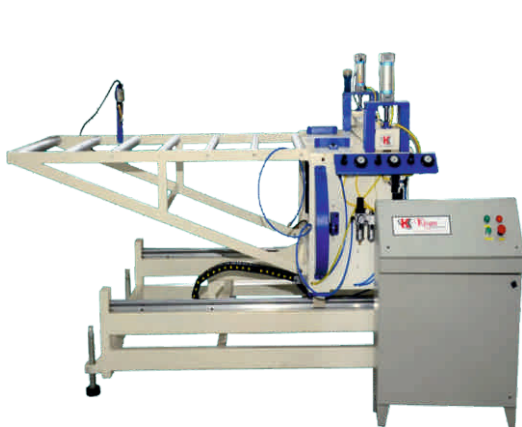
## Twin Screw Extruder

- ▲ Low compression screw design.
- ▲ Closed internal heat balancing system.
- ▲ High melt throughput rate at low screw rpm.
- ▲ Horizontal / Vertical Hopper Feeders offered
- ▲ Gentle gelation with efficient degassing.
- ▲ Powerful drives with reserves.
- ▲ Customized screw design to suit different profiles.

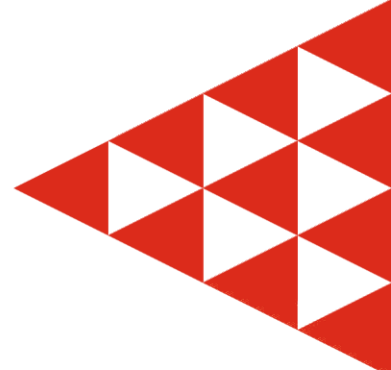
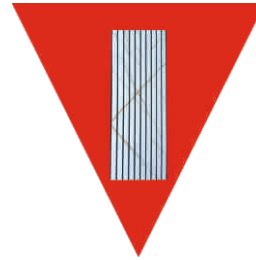


## Specification of Twin Screw Profile Extrusions Line

Model	KE - 52/18 V	KE - 52/25 V	KE - 65/18 V	KE - 65/22 V
Extruder Drive (HP-AC)	15	20	25	30
Screw (mm)	2 X 52	2 X 52	2 X 65	2 X 65
Effective Screw Length	18 D	25 D	18 D	22 D
Output (Kg/Hr)	20 - 70	90	160	190





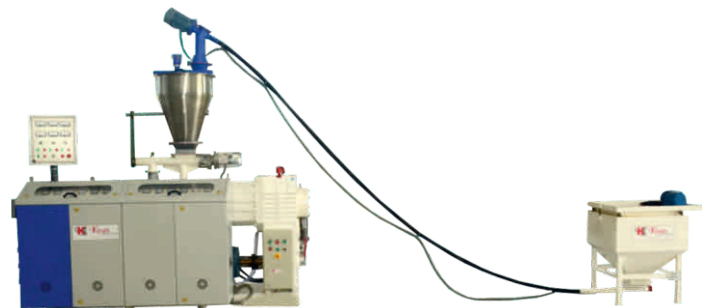


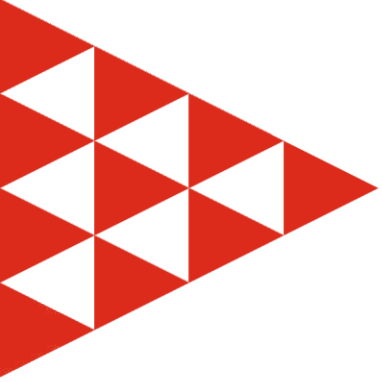
## Calibration Table Features

- ▲ Sturdy construction with use of Stainless steel ensuring high service life.
- ▲ Headers for water line for water circulation to calibration blocks.
- ▲ Headers for vacuum line to calibration blocks.
- ▲ Manual height and transverse adjustment and motorised longitudinal movement

## Specification of Calibration Table

Model	KE - 12"	KE - 32"	KE - 12/32"
Forming Table Length	1200 mm	4000 mm	6000 mm
Vacuum Pump	5 HP	10 HP	10 HP
Max. Pumping Volume	0.48 m <sup>3</sup> /min	10 m <sup>3</sup> /min	12 m <sup>3</sup> /min
Cross Adjustment of Forming Table	80 mm	40 mm	80 mm
UP-Down Adjustment of Forming Table	100 mm	200 mm	60 mm
Max. Drawing Force	3000 N	25000 N	30000 N
Max. Grip Force	2500 N	15000 N	20000 N
Drawing Speed (m/min)	0.3 - 4.5	0.4 - 5	0.4 - 4
Total Power (kw)	6 HP	11 HP	15 HP
Machine Weight	350	750	1200





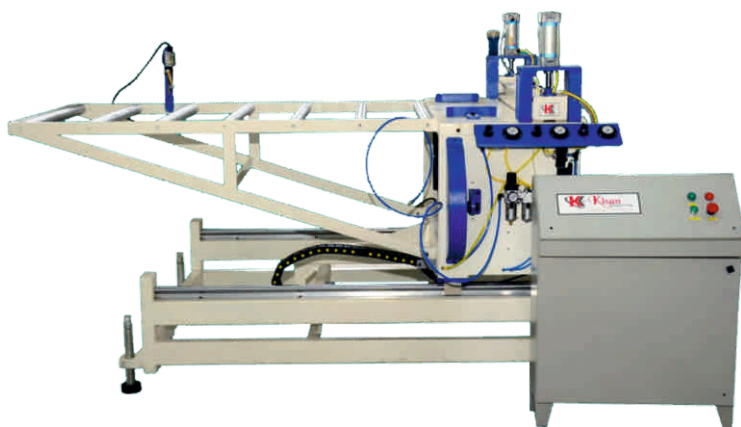
**Haul Off Features**

- ▲ High performance AC drives.
- ▲ Belt Haul Off for high speed production.
- ▲ Highly abrasion resistant haul off belts with shore hardness matched to the product.
- ▲ Wide variety of pad systems
- ▲ Caterpillar Haul Off suitable for 32" profile model PS00SV with longitudinal swivelling of upper caterpillar, pressed into the profile pneumatically.

**Specifications of Haul Off**

Model	KE - 200 SV	KE - 300 SV	KE - 800 SV
Contact Length (mm)	1875	1450	2600
Pad Width (mm)	200	300	800
Motor Capacity (HP) AC Variable Drive	7.5	7.5	15
Speed Range (m/min)	0.5 - 5.0	0.5 - 5.0	0.2 - 2.0

**Profile Auto Cutter**



**Profile Auto Cutter Features**

- ▲ High performance AC drives.
- ▲ Belt Haul Off for high speed production.
- ▲ Highly abrasion resistant haul off belts with shore hardness matched to the product.
- ▲ Wide variety of pad systems
- ▲ Caterpillar Haul Off suitable for 32" profile model PS00SV with longitudinal swivelling of upper caterpillar, pressed into the profile pneumatically.

**Specifications of Profile Auto Cutter**

Model	KE - 125 P	KE - 200 P	KE - 800 P
Saw Blade Dia (mm)	350	520	420

## High Speed Heater - Cooler Mixer

In a High speed mixer, the heat generated due to friction is utilised for mixing, hence it's known as "Heater mixer". High speed mixers are used to mix solid to solid, liquid and pasty components. The Heating phase in a heater mixer - It is not only the shortest possible cycle time which is the decisive factor, but in many cases, the way in which friction is introduced in to the product is of far greater importance.

### Features of High Speed Heater-Cooler Mixer

- ◆ Stainless steel vessel
- ◆ Vessel-highly polished surface inside, discharge plate blended into bottom dish
- ◆ Mixing tools-self cleaning. adjustable in height specific to the material being mixed, simple design. armoured leading edges
- ◆ Robust, easily serviced and maintained construction
- ◆ Twin jacket
- ◆ Corrosion and abrasion resistance
- ◆ No deposits, crusts or pockets of colour
- ◆ Fast and complete discharge of the mixed material
- ◆ Easy and perfect cleaning
- ◆ Optimum adaptability to each type and size of mixing batch
- ◆ Optimum dispersion and distribution of components
- ◆ Improved tool life Quick, easy dismantling and reassembling
- ◆ Long service life
- ◆ Low noise level
- ◆ Short maintenance and repair times
- ◆ For heating and cooling purposes



Mixing Tool



Pneuma Seal



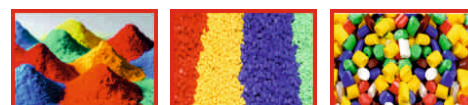
Lid



Deflector



### Specifications of High Speed Heater - Cooler Mixer



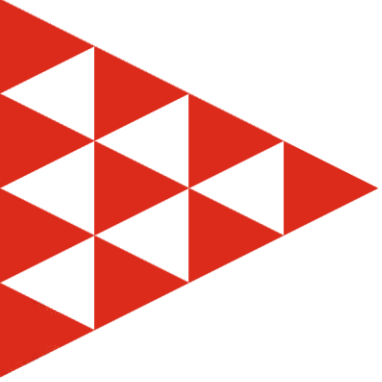
MODEL	BATCH CAPACITY KGS.	VESSEL CAPACITY LTRS.		DRIVE (KW)		NO. OF BATCHES PER HOUR	MIXING TIME MIN.	MIXING TOOL SPEED R.P.M.			MAX. PRESSURE IN DOUBLE JACKET (BAR)		AIR SYSTEM OPERATING AT BAR
		HIGH SPEED MIXER	COOLING MIXER	HIGH SPEED MIXER	COOLING MIXER			HIGH SPEED MIXER		COOLING MIXER	HIGH SPEED	COOLING	
								SINGLE SPEED	SINGLE SPEED				
KE - 150	40 - 55	150	350	18.5	5.5	4 - 6	6 - 9	900	550 - 1100	120	2.5	1.0	4 - 5
KE -150 P	40 - 55	150	350	22	5.5	4 - 5	8 - 12	900	550 - 1000	120	2.5	1.0	4 - 5
KE - 200	65 - 80	200	450	30	7.5	4 - 6	6 - 9	850	500 - 1000	110	2.5	1.0	4 - 5
KE - 200 P	65 - 80	200	450	37.5	7.5	4 - 5	8 - 12	850	500 - 1000	110	2.5	1.0	4 - 5
KE - 250	90 - 100	250	650	45	11	4 - 6	6 - 9	840	450 - 900	110	2.5	1.0	4 - 5
KE - 250 P	90 - 100	250	650	55	11	4 - 5	8 - 12	840	420 - 840	110	2.5	1.0	4 - 5
KE - 350	120 - 150	350	1100	55	15	4 - 6	6 - 9	700	360 - 720	96	2.5	1.0	4 - 5
KE - 350 P	120 - 150	350	1100	75	15	4 - 5	8 - 12	700	360 - 720	96	2.5	1.0	4 - 5
KE - 500	160 - 200	500	1250	90	18.5	4 - 6	6 - 9	550	300 - 600	96	2.5	1.0	4 - 5
KE -500 P	160 - 200	500	1250	110	18.5	4 - 5	8 - 12	550	300 - 600	96	2.5	1.0	4 - 5
KE - 750	280- 300	750	1550	132	18.5	4 - 6	8 - 12	500	260 - 520	96	2.5	1.0	4 - 5
KE - 1000	400 - 430	1000	2100	180	22	4 - 6	8 - 12	500	260 - 520	96	2.5	1.0	4 - 5
KE - 1200	450 - 500	1200	3000	250	30	4 - 6	8 - 12	500	260 - 520	57	2.5	1.0	4 - 5
KE - 1500	500 - 600	1500	3500	300	45	4 - 6	8 - 12	500	260 - 520	57	2.5	1.0	4 - 5
KE - 2000	800 - 850	2000	5000	450	55	4 - 6	8 - 12	500	260 - 520	57	2.5	1.0	4 - 5

KE Suitable for Rigid PVC formulation KE-P Suitable for Plasticized formulation

- The mix weights are valid for PVC formulae with an apparent density of 0.5 kg / ltr inclusive of additives and final temperature of 120 C of Heating Mixer and 45 C for Cooling Mixer and for Plasticized PVC with a percentage of Plasticizers not greater than 40 p.h.r.
- Direct Current motors, frequency variations of soft-star can be fitted to all models on request.

\*We reserve the right to change specifications without prior notice.





# Always Different Always Unique



Since 2002



Plot No. 11, Jignasha Industrial Park - 2, Behind Dhanay Way Bridge,  
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