

It is our pleasure to introduce ourselves as one of the leading heavy fabrication and machinery job specialist in Ahmedabad and serving various types of engineering companies from more than 40 years. Our prime motto is customer satisfaction and our dream to have number of customers in India as well as in abroad for providing better quality, workmanship and after sales services. The company has good dedicated team of professional engineers and staff in growth of the company. However, its Margo's customers' who have also greatest support in the success.

Margo has an OEM supplier of Plastic Processing Machine manufacturer and now, Margo has expanded its production activities and independently started manufacturing Plastic Processing Machinery. Equipments what we have supplied are working beautifully upto the customer's satisfaction.

Twin Screw Extruders – PVC

PVC is very much tricky to handle. Also its a heat sensitive material and process it very controlled temperature. Twin Screw Extruders works with low power consumption. Extruders are offered with screw diameter 52mm to 90mm and output from 110 Kg/hr. to 450 Kg/hr.

Salient Features:

- ✚ Next generation Machine
- ✚ Low power consumption & energy saving.
- ✚ Higher Output.
- ✚ Achieve uniform pumping.
- ✚ Minimize wear and tear.
- ✚ Synchronization of drive of Extruder with Feeder and Traction Unit to reduce wastage.
- ✚ Gentle plasticizing, great melt quality.
- ✚ PID type Temperature Controllers.
- ✚ Processor friendly.
- ✚ Low Maintenance.
- ✚ Front Barrel with HSS sleeve offered on selected model.
- ✚ Reputed make Electric and Electronic items.
- ✚ Reputed make Pneumatics.

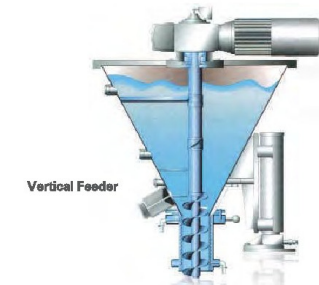


Model	MTS - 52x18	MTS - 52x22	MTS - 52x25	MTS - 65x18	MTS - 65x22	MTS - 68x28	MTS - 90x22	MTS - 90x25
Extruder Drive (kW)	11	15	15	22	30	37	55	55
Screw Dia (mm)	52	52	52	65	65	65	90	90
L.D. Ratio	18 : 1	22 : 1	25 : 1	18 : 1	22 : 1	25 : 1	22 : 1	25 : 1
Output (Kg/Hour)	90-110	130-150	150-170	180-200	200-250	300-350	400-450	500-550
Pipe Range (mm)	20-110	20-110	20-200	20-200	63-250	75-250	110-315	110-400

Performance varies depending on pipe dimensions and type of material.

Vertical Feeder :

It is for processing of a wide range of different formulation. Permit to have easy adaption of different bulk density of materials.



Energy Saving :

Screw has a closed, internal heat balancing system, which ensured and improved exchange of heat between different screw zones. It is maintenance free and self regulating screw temp. control system.

Die Heads :

We provide Single Die Head as well as dual Die Head.

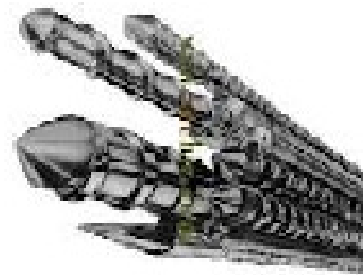


Advantages :

- ✚ Uniform melt distribution throughout the entire circumference.
- ✚ Proper excellent flow properties.
- ✚ High volume low pressure design ensures wider thickness range.
- ✚ Extruder utilization from 80% to 100% even with smaller pipe size.
- ✚ Die Head Trolley is available for 200mm OD and above pipe size.

Single Screw Extruder – Polyolefins..

The next generation Extruders. Screw and Barrel are designed and developed such a way that it can match specific raw material and end product requirement. Margo offers barrier screws resulting higher output, low melt temperature and good quality of melt.



Model	MX 40	MX 50	MX 65	MX 75	MX 90	MX 120
Extruder Drive (kW)	7.5	15	30	37.5	60	110
Screw Dia (mm)	40	50	65	75	90	120
L.D. Ratio	26 : 1	26 : 1	26 : 1	26 : 1	26 : 1	26 : 1
Output (Kg/Hour)	18-20	36-40	90-100	12-130	170-190	300-320

HDPE - Performance varies depending on pipe dimensions and type of material.

Smooth Bore Extruders for PVC Application are available.

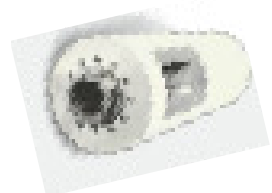
Barrier Screw :

- It allows high homogenous plasticizing less material slippage and higher output.



Grooved Feed System :

- Higher productivity compared to conventional design.
- Improved material conveying capacity.
- Uniform throughout and melt temperature.
- Pressure invariance.

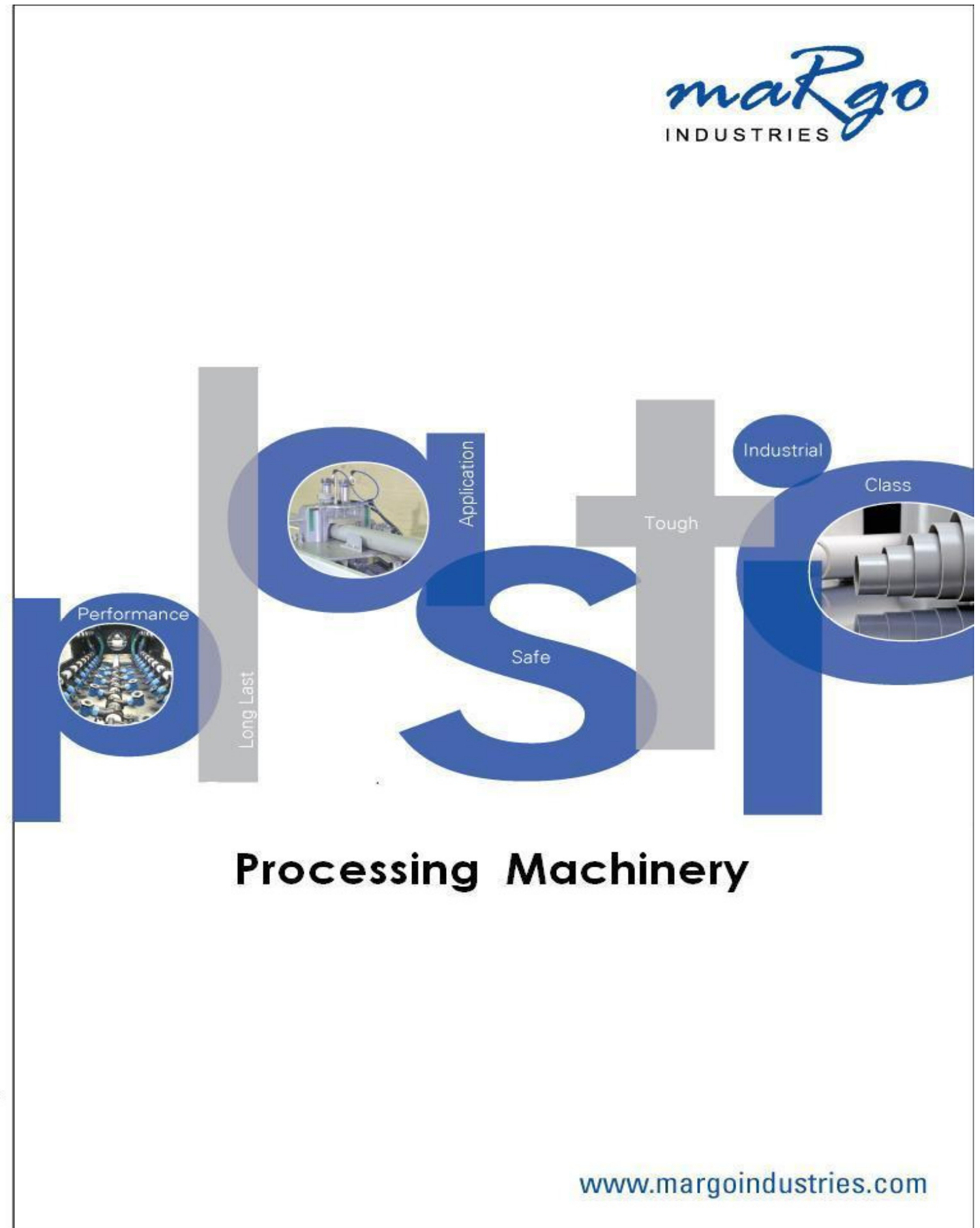


Model	MX 65G	MX 65GH	MX 90G	MX 90GH	MX 120G	MX 120GH
Extruder Drive (kW)	60	75	110	150	180	315
Screw Dia (mm)	65	65	90	90	120	120
L.D. Ratio	30 : 1	30 : 1	30 : 1	30 : 1	30 : 1	30 : 1
Output (Kg/Hour)	170-190	200-220	325-350	430-450	500-550	750-800

HDPE - Performance varies depending on pipe dimensions and type of material.

Range of Products :

- Pipe Down Streams (PVC / HDPE Pipes) – upto 630mm OD
- Semi / Automatic Material Handling System – For Mixer as well as Extruder Feeding.
- Under Water Pelletizing System – For PE / PP (High Filler) / Recycling of HM/HD / LD /LLD etc...
- Vacuum Conveying System - Mixer Feeding
- Spiral Conveyor / Screw Conveyor
- Spares for Pipe Down Streams, High Speed Mixer, Material Handling System, Under Water Pelletizer.



oplast Processing Machinery

Performance, Application, Tough, Safe, Industrial Class, Long Last

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