

> **MAIN PROFILE EXTRUSION LINES AVAILABLE:**

1. WOOD PLASTIC COMPOSITE
2. PVC FOAM PROFILES
3. PVC WINDOW / DOOR COMPLETE PLANT
4. PVC RIGID / FLEXIBLE PROFILES
5. PVC TRUNKING COMPLETE PLANT
6. PS FOAM PICTURE FRAME AND BUILDING / DECORATION PROFILE
7. PC LAMP / PC PROFILE
8. ALL KINDS OF PROFILE DIE

> **MAIN PIPE EXTRUSION LINES AVAILABLE:**

1. HDPE/LDPE PIPE RANGE TO MAX. Ø1200 mm
2. PVC PIPE RANGE TO MAX. Ø1200 mm
3. LDPE COSMETIC TUBE
4. PU PRECISION TUBE
5. HDPE STEEL PIPE COATING SYSTEM
6. PC TRANSPARENT TUBE
7. FLEXIBLE PVC TUBE AND REINFORCED HOSE
8. RIGID / SOFT PVC SUCTION HOSE
9. PVC MEDICAL TUBE
10. PVC / PE DIE UP TO Ø1200 mm

> **ACCESSORIES:**

1. MIXER AND COOLER
2. PRINTING MACHINE

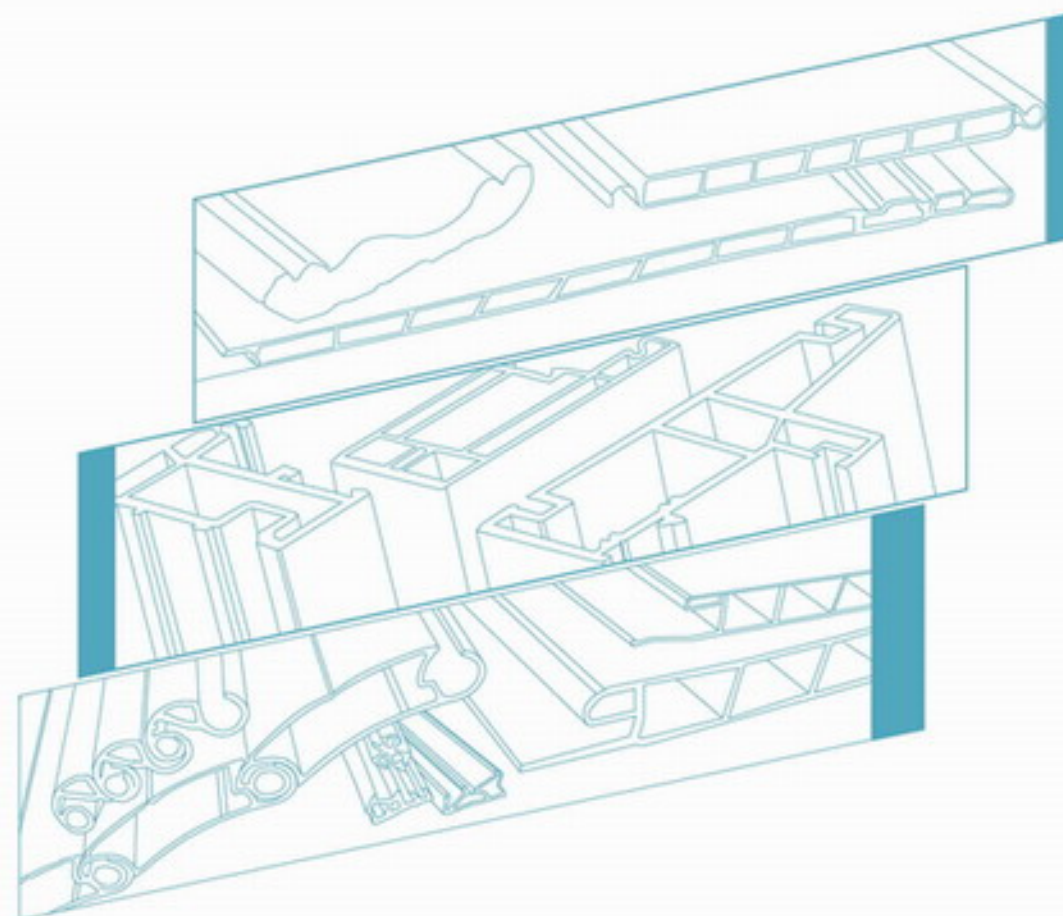


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PROFILE
EXTRUSION MACHINE



we offer turnkey and total solution



> PROFILE PRODUCTION LINE



3 Color Printing Machine

The profile processing introduction for extruding machinery will show how extruded products meet the needs of the market as well as the special characteristics of the plastics that are used and the efficient assembling uses in the production process. Materials that can be used for extrusion include PVC, HDPE, LDPE, PE, PP, ABS PS, PC and PMMA.

Products manufactured with these machines include construction materials, toys and stationery, furniture and furnishings, medical supplies, lighting decoration and electrical accessories. Since its founding EVERPLAST Machinery's production line has turned out more than 1500 extrusion systems over the years. The suitability of these products and their competitiveness on the market are directly related to the characteristic of the plastic materials involved and the processes and machine fittings used to make the extrusion products.



Mixer and Cooler

➤ EXTRUSION MACHINE

PVC counter rotation twin screw extruder available in sizes of EMD-65, EMD-90, EMD-110 and EMD-130 for profile and compounding, output ranges from 100 to 800 KGS/HR.

Single screw extruder comprises model EMS-35,45,55,65,85,100,120 and 150 to meet a wide range of requirements for extrusion types, materials, and application.

Precision grinding gears deliver a driving force that is more than 98 percent accuracy with noise levels under 65 dB.

"PID" thermo controller with "SCR" output temperature systems are used throughout to minimize power consumption and maintain temperature levels which are within one degree of set temperatures.

Along with cast aluminum cooling device on the barrel, and high efficiency driving motor and gears. That ensure consistent products and high outputs.

Optional extras:

- Computer controller system.
- P.T.A Treatment for screw.



EMD-130 Parallel Type Twin Screw Extruder



SINGLE SCREW EXTRUDER



Vertical Co-Extruder



Horizontal Co-Extruder



EMS-60 Single Screw Extruder



EMS-65 Single Screw Extruder



EMS-85 Single Screw Extruder

CONICAL TWIN SCREW EXTRUDER



EMD-55C Conical Type
Twin Screw Extruder



EMD-65C Conical Type
Twin Screw Extruder



EMD-80C Conical Type
Twin Screw Extruder

PARALLEL TWIN SCREW EXTRUDER



EMD-65 Parallel Type Twin Screw Extruder



EMD-90 Parallel Type Twin Screw Extruder

> CALIBRATION MACHINE AND DIE



ERT Series



Calibration Unit



ERT-6000XL Series



ERT-3000 Series



ERT-4500L Series



ERT-6000L Series



ERT-S-2500 Series



Utilizes vacuum pumps with ratings of 3 HP to 100 HP.
Cooling capacity of 30 KGS/HR to 500 KGS/HR.

Positions can be adjusted front and back or left and right. Front-back movements is done by a stepless inverter motor which can make either high speed or incremental adjustments. Water flowmeter cooling device is displayed to allow control of die temperatures and monitor temperature records. A specially designed die clamp frame allows vertical and horizontal adjustment to accept molds of all sizes. A phase control electrical protector guards against errors in vacuum pump rotation.

> HAUL-OFF MACHINE



ETXC-25 Series



ETXC-1000 Series



ETC-10 Series Caterpillar



ETC-30 Series Caterpillar



ETC-15 Series Caterpillar



Roll Series



ETB-03 Series Belt



ETB-05 Series Belt



ETC-05-T Series Caterpillar

Unit pulling force for the various series ranges from 200KGS to 6000KGS.

Line speed is adjustable from 0.1M/MIN to 100 M/MIN, and high-sensitivity clamps effectively meet the needs of every type of products.

Auto pressure balance system responds to varying shapes of products to avoid production shutdowns when processing product sizes are changed.

Microcomputer counter can be used to set the length of products and count the quantities of products.

Design of the large Haul-off machines includes thick, hardened glass sliding doors which provide a clear view of the production process with a high degree of safety. They also facilitate easy maintenance and repair.

Compound tracks use UHMW-PE with outstanding wear resistance and minimal pollution, and rubber caterpillars are specially flush designed for easy replacement.

> CUTTING MACHINE

Cutting surface areas range from 100mm × 100mm of the ESC series to the 1200mm × 80mm of the EKC 1200 series, with varying designs to fit different cutting requirements.

> Specifications for the ESC series are:

Max. cutting speed: 20 times/min
Cutting verticality: 0.3/100mm

Cutting tolerance: +1mm
Blade speed: 3400RPM

> Specifications for the EFC series are:

Max. cutting speed: 35 times/min
Cutting verticality: 0.3/100mm

Cutting tolerance: +0.2mm
Blade speed: 3400RPM

> Specifications for the EKC series are:

Cutting tolerance: +0.2mm
Max. work area: (H) 80mm × (W) 1200mm



EKC Series



Servo Fly Cutter



Air Type Cutter



ESC 14/16 Saw Cutter

The ESC series cutting machine uses the taper shaft of motor which can be fitted the saw without any key, during the high RPM the saw still keeps its balance to cut the products.



EAC-3000S Series

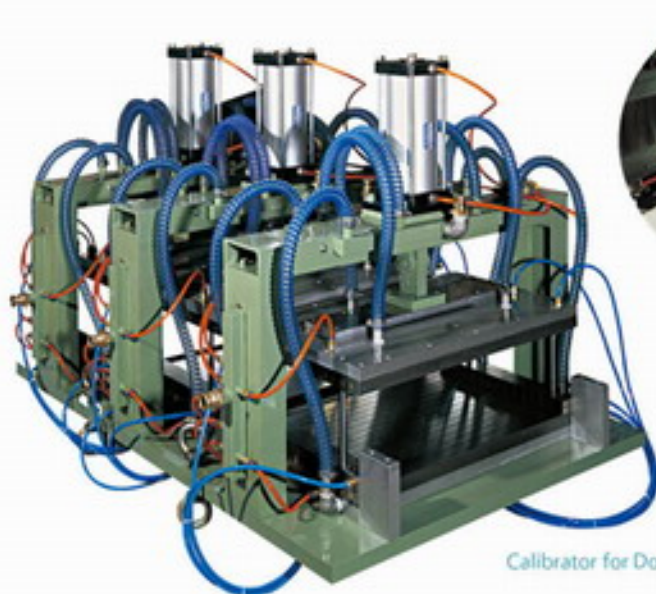


Insert card type electric distribution system



Guillotine Type Cutter

> TOOLINGS



Calibrator for Door



Trunk



Die for Door



Corrugated Sheet

EVERPLAST boasts 20 years of activity and experience in the manufacture of dies and calibrators for the extrusion of profile sections in PVC, PC, PE, PP, PS, ABS and other plastic materials. It furthermore specializes in the production of custom made machines and accessories for extrusion and co-extrusion.

EVERPLAST concentrates particularly on equipment for high production rate with excellent extruded profile quality thanks to the exclusive use of the most modern Cad Cam systems, high technology computerized machines, and operators with advanced skills and leading computer experience.

EVERPLAST produces equipment with single and multiple outlets for small as well as large size profiles in the following areas of application:

- > window, door
- > wall panel, cladding, ceiling and various constructional profiles
- > profiles for furniture
- > cable channels, conduit, tubes in PVC, PE, PP
- > co-extruded profiles for various materials



250 Ceiling



Double Ceiling



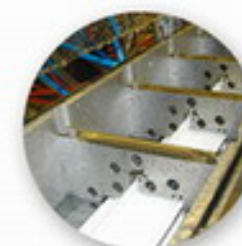
Door Panel



Double Extrusion



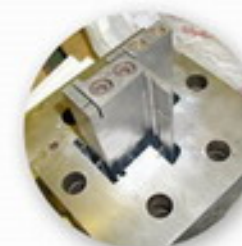
Trunk



Door Frame



PVC Foam



Window



PS foam Picture Frame

> TOOLING

The profile process introduction for extruding machinery will show how extruded products meet the needs of the market as well as the special characteristics of the plastics that are used and the efficient assembling uses in the production process. Materials that can be used for extrusion include PVC, HDPE, LDPE, PE, PP, ABS, PS, PC and PMMA.

Products manufactured with these machines & dies include construction materials, toys and stationery, furniture and furnishings, medical supplies, lighting decoration and electrical accessories. Since its founding EVERPLAST Machinery's production line has turned out more than 1500 extrusion systems over the years. The suitability of these products and their competitiveness on the market are directly related to the characteristic of the plastic materials involved and the processes and machine fittings used to make the extrusion products.

WOOD PLASTIC COMPOSITE(W.P.C)



PVC FOAM & RIGID DOOR



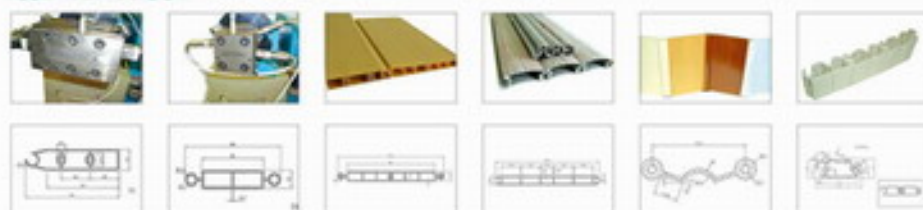
PVC WINDOWS



PVC FOAM & RIGID PANEL



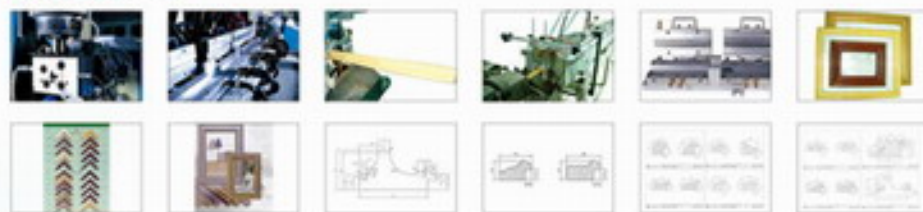
ASSEMBLING DOOR



TRUNKING



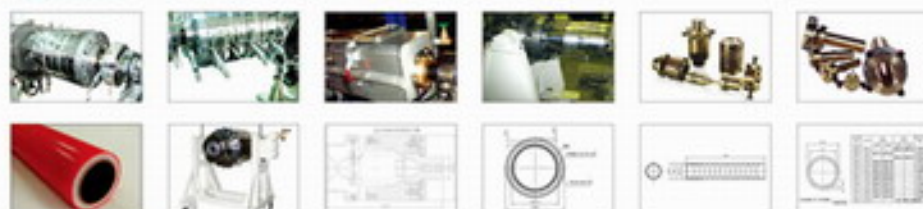
PS PICTURE FRAME



FOAM PROFILES



PVC / PE PIPE



OTHERS



> PRINTING SYSTEM



3 Color Printing Machine



UV Dryer



UV Coating Unit

Over 25 years of continuous research in the field of coating technology, we are only providing our world class printing and coating equipments, but also achieving an outstanding acknowledgment over various paint materials. This enable us to constantly develop and upgrade series of high performance coating equipments, and each one will create the smooth, and brilliant coating surface for your specific requirement

Features:

1. **INSTANT CURING:** It eliminates the long waiting for drying up, and greatly shorten the process time through the entire finishing line.
2. **DIRECT FIT TO COATING MACHINE:** This unit may be fitted to roller coater or flow coater for direct curing after product is cut saves the troubles of moving of the workpiece.
3. This machine provides added surface rigidity and brilliant color.
4. **APPLICATION VERSATILITY:** U.V. paint coated products, e.g. panel furniture, components, steels, plates, construction material, ect, can be instantly cured.



> PVC DOOR LINE



PANEL DIE HEAD

Material : uH420J2
Multi-plate type for easy clearing



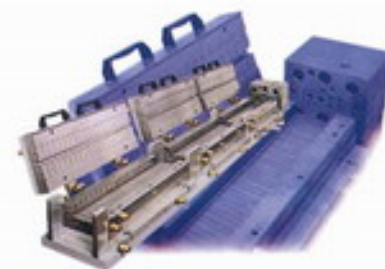
TWIN EXTRUDER

Parallel counter rotation type EMD-90
Screw dia : $\phi 90 \times 2$
Output : 200-250 kg/hr for door panel
Temp controller : PID + SCR or computer type.
Cooling system for barrel : Air cooling oil cooling type.



FRAME DIE HEAD

Material : uH420J2
Multi-plate type for easy clearing.



Computer Control
Is Available Upon Request

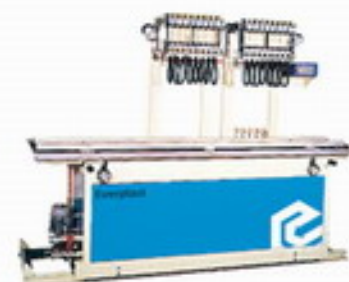
TWIN EXTRUDER

Parallel counter rotation type EMD-65
Screw dia : $\phi 65 \text{mm}$
Output : 80-150 kg/hr
Temp controller : PID + SCR or computer type.
Cooling system for barrel : Air cooling oil cooling type.



CALIBRATION

Type of calibration: ERXT-800 / ERXT-1000 / ERXT-1200
Vacuum pump: 30x30x20-20 4units
Products width : 700mm / 800mm / 1000mm
Positions can be adjusted up and down, left and right, forward-back movements is done by a stepless inverter motor



CALIBRATION

Type of calibration: ERT-3000 / ERT-3000X / ERT-3000L
Vacuum pump: 55HP x 1set / 55HP x 2sets / 55HP x 3sets
Products width : MAX.400mm
Positions can be adjusted up and down, left and right, forward-back movements is done by a stepless inverter motor

> PVC DOOR



HAUL-OFF M/C

Type:ETXC-800 / ETXC-1000 / ETXC-1200

Pulling force is about 58000N

Auto-pressure balance system responds to varying shape of products to avoid production shutdowns when processing product sizes are changed.

Micro computer counter can be used to set the length of products and pieces counting.

Products width : 800mm / 1000mm / 1200mm



HAUL-OFF M/C

Type:ETXC-800 / ETXC-1000 / ETXC-1200

Pulling force is about 58000N

Auto-pressure balance system responds to varying shape of products to avoid production shutdowns when processing product sizes are changed.

Micro computer counter can be used to set the length of products and pieces counting.

Products width : 800mm / 1000mm / 1200mm



CUTTER

Type:EKC-700 / EKC-800 / EKC-1000

Products Width:700mm / 800mm / 1000mm

Knife Type:dustless



STACKER

Automatic Stacker Type.Man-power less.

Special Design To Carry PVC Panel To Prevent Scrape The Surface Of Panel.



CUTTER

Type:ESC-14 / ESC-16. Saw cutting type.

Max.cutting width:200mm

Taper shaft of motor is no need any key to fix the saw during the high RPM and can get very smooth products surface.

>PVC Door Panel Whole Plant

Specification	Type	PVC Door Panel		PVC Door Frame	U Bin/IBin
Profile Shape					
Size(mm)		600 / 700 / 760 / 815 / 900		100 / 160	U / I
Type		EMD-110 Parallel twin screw	EMD-110 Parallel twin screw	EMD-65 Parallel twin screw	EMD-45 Single screw
Screw dia(MM)		φ110×2	φ90×2	φ65×2	φ45×2
L/D		24	24	24	24
Motor(KW)		75 / 100	60 / 75	30	15
Output(Kg/hr)		350	250	80-120	30
Material		us#420J2	us#420J2	us#420J2	us#420J2
Die Head		Multi-Plate	Multi-Plate	Multi-Plate	Multi-Plate
Sizing Mold		3 or 4 sets	3 sets	2 or 3 sets	1 set
Type		ERXT-600	ERXT-800	ERXT-1000	ERT-3000X
MAX.Width(MM)		600	800	1000	400
Vacuum Unit(NO)		4sets	4sets	4sets	1sets
Vacuum Pump(HP)		10×4	10×2+7.5×2	10×2+7.5×2	5
Water Flowmeter		8×3 in 8×3 out	8×3 in 8×3 out	8×3 in 8×3 out	8 in 8 out
Type		ETXC-600	ETXC-800	ETXC-1000	ETC-1506
MAX.Width(MM)		600	800	1000	200
Pulling Force (N)		58000	58000	58000	17000
Drive Motor(HP)		2×2	3×2	5×2 / 7.5×2	5
Type		EKC-600 (Dustless)	EKC-800 (Dustless)	EKC-1000 (Dustless)	ESC-14 Saw
MAX.Cutting Width(MM)		600	800	1000	200
MAX.Cutting Height(MM)		Max.80	Max.80	Max.80	φ160
Motor(HP)		3	3	3	1

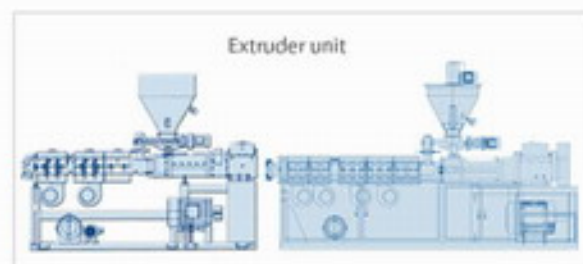
Specifications are subject to change without notice.

>Twin Screw Extruder

Specification	Type	Twin Screw Extruder							
		Parallel Twin Screw Extruder				Conical Twin Screw Extruder			
		EMD-55	EMD-65	EMD-90	EMD-110	EMD-130	EMD-55C	EMD-65C	EMD-90C
Screw Length (L/D)		25/28	25/28	25/28	22	22	22	22	22
Screw Diameter (MM)		55×2	65×2	90×2	110×2	130×2	55/112	65/132	90/156
Screw Speed (R.P.M)		60	60	44	38	30	40	40	40
Drive Motor Power (HP)		20	30	60	75	90	100	125	150
Cylinder Heating (KW)		18	22	30	38	42	50	80	90
Flange Heating (KW)		4	5	6	7.5	8.5	2	4	4
Cylinder Cooling Power (KW)		0.6	0.6	0.6	1.2	1.2	1.5	1.5	1.5
Installed Electric Power (KW)		38/53	40/51	82/102	119/133	175/192	48	67	102
Number Of Die Heating Zones		2×3	2×3	2×4	2×4	2×4	2	4	8
Number Of Cylinder Heating Zones		4	4	4	4	5	4	4	4
Hopper Size (KG)		75	100	150	200	200	75	100	150
Center Height (MM)		1100	1100	1100	1100	1100	1100	1100	1100
Weight (KG)		1600	2000	3000	4100	5600	2300	3600	4800
MAX Output (KG/HR)	HDPE (PIPE)	--	--	--	--	--	--	--	--
	PVC Soft	--	--	--	--	--	--	--	--
	PVC Hard	60	80	120	160	400	500	600	700

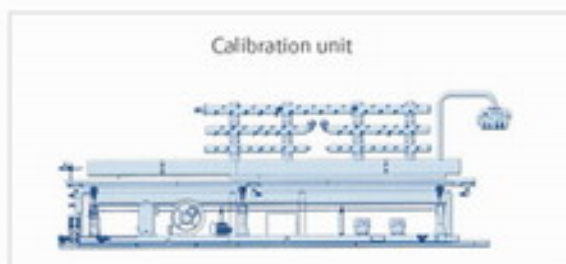
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> SPECIFICATION

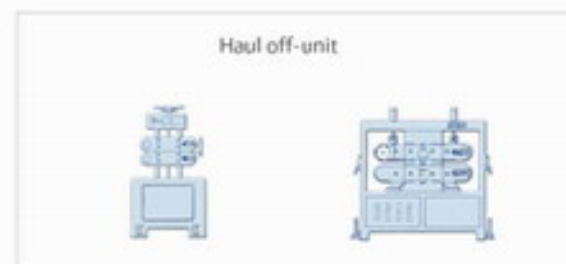


EMS-Single

EMD-Twin

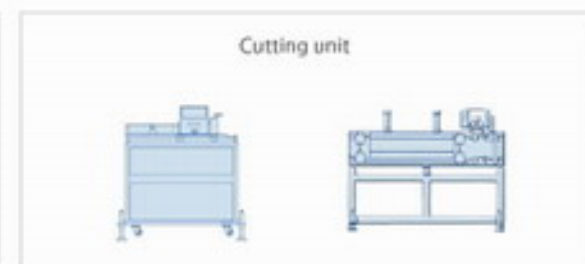


ERT-Calibrator



ETB

ETC



ESC

EKC

>Figure of Extruder

Specification	Type	Single Screw Extruder							
		EMS-45	EMS-55	EMS-65	EMS-85	EMS-100	EMS-125	EMS-150	
Screw Length (L/D)		24/28	24/28	24/28	24/28	24/28	24	24	
Screw Diameter (MM)		45	55	65	85	100	125	150	
Screw Speed (R.P.M)		60 120	60 120	60 120	50 120	50 120	50	45	
Drive Motor Power (HP)		15 30	20 30	30 75	40 150	50 200	100	125	
Cylinder Heating (KW)		7.5	10	12	14	15	20	25	
Flange Heating (KW)		0.5	0.6	0.7	1	1	1.5	2	
Cylinder Cooling Power(KW)		0.05×3	0.05×3	0.05×3	0.1×3	0.1×4	0.2×3	0.2×3	
Installed Electric Power(KW)		22/34	30/68	36/92	47/160	88/238	133	180	
Number Of Die Heating Zones		2	3	3	3	4	5	6	
Number Of Cylinder Heating Zones		3	3	3	4	5	7	8	
Hopper Size (KG)		50	50	50	100	100	150	150	
Center Height (MM)		1100	1100	1100	1100	1100	1100	1100	
Weight (KG)		850	950	1100	1600	2200	2500	3000	
MAX Output(KG/H)	HDPE Pipe	70	100	150	350	500			
	PVC Profile	25	40	70	100	150	200	250	

>Figure of Haul-Off

Specification	Type	ETB-05	ETB-10	ETC-05	ETC-10	ETC-15	ETC-20	ETXC25	ETXC30
		Belt		Caterpillar			Wide Caterpillar		
Effective Clamping Length (MM)		350	750	350	750	1300	1800	2300	2800
Effective Clamping Width (MM)		150	196	120	200	200	200	200-1500	200-1500
Effective Clamping Height (MM)		110	150	110	150	150	150	150	150
MAX Pulling Force (N)		3400	6000	3400	6000	17000	35000	58000	58000
Drive Motor (HP)		2	3	2	3	3×2	3×2	3×2	3×2
Installed Electric Power (KW)		2	3	2	3	7	7	7	7
MAX Line Speed (M/MIN) Available		50	20	12	9	9	1-6	1-6	1-6
Weight (KG)		550	1200	600	1000	1600	2700	2500-5000	4000-7000

>Figure of Vacuum-Calibration

Specification	Type	ERT3000	ERT3000X	ERT3000L	ERT4500L	ERT6000L	ERTX600	ERTX800	ERTX1000	ERTX1200
Adjustable Length For Back And Forwards		750	750	750	750	750	1000	1000	1000	1000
Adjustable Length For Right And Left(MM)		50	50	50	50	50	50	50	50	50
Adjustable Length For Up And Down(MM)		100	100	100	100	100	100	100	100	100
Length Of Calibration Table(MM)		3000	3000	3000	4500	6000	4000	4000	4000	6000
MAX Products Width(MM)		300	300	300	300	300	600	800	1000	1200
Number Of Vacuum Pump		1	2	3	3	2	1	4	1	3
Vacuum Pump(HP)		5	5	5	5	5	7.5	10	20	10
Drainage Pump(HP)		1	1	1	1	2	2	2	2	2
Number Of Water Flow Valve		8	16	24	32	32	32	32	32	32
MAX Exhaust Volume (M3/MIN)		1.9	3.8	5.7	7.6	7.6	14	20	32	40
Installed Electric Power(KW)		5.5	9.5	13.5	17.5	17.5	35	50	70	85
Inlet Pipe Diameter (INCH)		1.5	2	2	2	2	2	2	2	2
Drain Outlet Pipe Diameter(INCH)		1.5	2	2	2	2	2	2	2	2
Weight (KG)		500	600	700	1200	1800	2000	2400	2800	3500

>Figure of Saws

Specification	Type	For Profile				For Door Panel & Plank		
		ESC14	ESC16	ESC18	ESC20	EKC700	EKC1000	EKC1200
MAX Cutting Width(MM)		200	280	330	400	700	1000	1200
MAX Cutting Height(MM)		90	115	155	180	80	80	80
Cutting Motor Power(KW)		0.5	0.5	2	2	2	2	2
Travel Of Saw Carriage(MM)		355	405	455	505	355	355	355
Installed Electric Power(KW)		2	2	2	2	2	2	2
Weight (KG)		300	320	400	420	1200	1700	2000

Specifications are subject to change without notice.