XPS EXTRUSION

XPS -

EXTRUDED POLYSTYRENE SHEETING PLANT

MODEL NO.	PT-180PSB	PT-250PSB	PT-450PSB
Raw material	Polystyrene	Polystyrene	Polystyrene
Blowing agent	Butane or HFC	Butane or HFC	Butane or HFC
Capacity	200 kg/hr	300 kg/hr	450kg/hr
Products Thickness (max.)	45mm	65mm	100mm
Products Width (max.)	1000mm	1200mm	1200mm
Occupation Area	50M(L)x6M(W)x5M	55M(L)x8M(W)x5M	70M(L)x8M(W)x5M
Shipping	40'Container x 4	40'Container x 5	40'Container x 6
EXTRUDER UNIT			
Extruder Type	Tandem Type	Tandem Type	Tandem Type
First Extruder Screw Dia.	90mm	120mm	130mm
First Extruder motor	75 HP	150 HP	250HP
Sec Extruder Screw Dia.	120mm	150mm	180mm
Second Extruder motor	100 HP	150 HP	200HP
Heating Capacity	32 KW	50 KW	70KW
Blowing Agent Injection	Pressure Pump	Pressure Pump	Pressure Pump
Screen Changer	Two-shift Changed	Two-shift Changed	Two-shift Changed
Cooling System	Air & Water	Air & Water	Air & Water
Auto-Thermal Control	17 zones	17 zones	23 zones
T-Die	1 Set	1 Set	1 Set
Motor Control Panel	1 Set	1 Set	1 Set
Thermal Control Panel	1 Set	1 Set	1 Set
CALIBRATOR			
Driving Type	By Hydraulic	By Hydraulic	By Hydraulic
Heating & Cooling System	By Oil	By Oil	By Oil
Static-Electricity Eraser	2 Set	2 Set	2 Set
TAKE-OFF UNIT			
Roller Width	1200mm	1300mm	1300mm
Driving motor	7.5 HP	7.5 HP	10HP
Width Cutter	1 Set	1 Set	1 Set
Length Cutter	1 Set	1 Set	1 Set
OTHER EQUIPMENT			
Cooling Tower	30 Tons x1 Set	40 Tons x1 Set	50 Tones
Air Compressor	10 HP x 1 Set	20 HP x 1 Set	20HP
Material Mixer & Feeder	1 Set	1 Set	1 Set

GROUP PiTAC who serves plastics industry

3C-13, Taipei World Trade Center, No. 5,
Sec. 5, Hsin-Yi Rd., Taipei 110, Taiwan
Tel: +886-2-27227966
Fax: +886-2-27222131
e-mail: sales@pitac.net
http://www.pitac.net

XPS SHEET EXTRUSION

PiTAC INT'L Machinery Co.,Ltd

XPS
EXTRUSION

XPS insulation products.

XPS has net positive energy conservation and air emission benefits when used in residential and commercial buildings over their normal life spans—typically between 15-50 years.

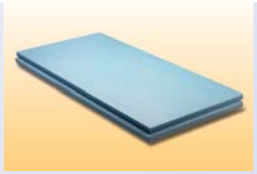
This is because far more energy is saved over time than is consumed by manufacturing XPS insulation. XPS reduces greenhouse gases by minimizing the effects from harmful air emissions that result from the production of energy.

What are the benefits of an energy-efficient residence?

Savings on heating and cooling bills

Moisture control in your home leading to the longer life of your home's building materials and reduced incidence of mold and mildew

Enhanced occupant comfort



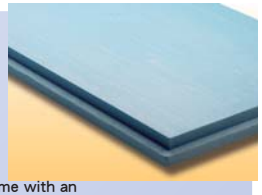
The sustainable benefits of using XPS insulation are numerous, including:

High thermal performance
Excellent compressive strength
Condensation control.

Most notably, the thermal insulating properties of XPS provide both energy-efficiency and environmental benefits.

MOST 'Energy-Efficient' Building Material

Building Material	% of Respondents
Foam Insulation	48%
Fiberglass	19%
Concrete	17%
Wood	15%
Masonry	10%
Plastics	10%
Metal	2%
Other	2%
Glass	2%



XPS Insulation Saves Money

Did you know that about 44% of your TOTAL utility bill pays for heating and cooling your home?

In fact, it is a proven fact that by insulating your home with an investment of just a few hundred dollars, one can reduce heating and cooling needs by about 30%.

Benefits of an XPS energy-efficient residence?
Savings on heating and cooling bills
Moisture control in your home, and reduced incidence of mold and mildew.

XPS Extruded Polystyrene Sheeting:

similar to the molded variety by melting GPPS , mixed with additives and is foamed by blowing agent and then extruded. It is a very high thermal resistance and very low water absorption making it ideal for roof insulation that excellent flat roof insulation can be applied quickly and easily.

Environmentally Sound Building Principles Are:

THE 3 R' S IN XPS SHEETING

REDUCE
REUSE
RECYCLE