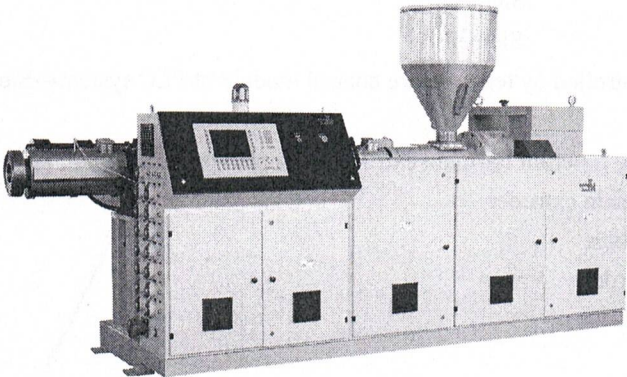



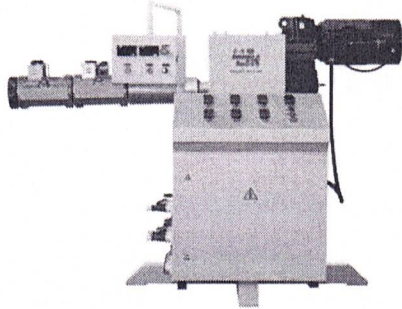
## QUOTATION

Item	Description																																																																									
	<p><b>Main Parameters:-</b></p> <p>Material : HDPE pellets or recycled material</p> <p>Processing pipe range : <math>\Phi 32</math>-<math>\Phi 125</math>mm</p> <p>Capacity : 300Kg/Hr</p> <p>Voltage : 380V/3Ph/50Hz</p> <p>Pipe sizes and wall thickness list below:</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2">Diameter (mm)</th> <th colspan="3">Thickness (mm)</th> </tr> <tr> <th>PN6</th> <th>PN10</th> <th>PN16</th> </tr> </thead> <tbody> <tr><td>20</td><td>—</td><td>—</td><td>2</td></tr> <tr><td>25</td><td>—</td><td>—</td><td>2,3</td></tr> <tr><td>32</td><td>—</td><td>2</td><td>3</td></tr> <tr><td>40</td><td>—</td><td>2,4</td><td>3,7</td></tr> <tr><td>50</td><td>—</td><td>3</td><td>4,6</td></tr> <tr><td>63</td><td>—</td><td>3,8</td><td>5,8</td></tr> <tr><td>75</td><td>—</td><td>4,5</td><td>6,8</td></tr> <tr><td>90</td><td>—</td><td>5,4</td><td>8,2</td></tr> <tr><td>110</td><td>4,2</td><td>6,6</td><td>10</td></tr> </tbody> </table> <p><b><i>Complete Extrusion Line consists the following:-</i></b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%; text-align: center;">1</td> <td style="width: 35%;">1 Set</td> <td>Single screw extruder JHE-60/33</td> </tr> <tr> <td style="text-align: center;">2</td> <td>1 Set</td> <td>Automatic dryer and feeder</td> </tr> <tr> <td style="text-align: center;">3</td> <td>1 Set</td> <td>Single screw co-extruder JHE-20/20 for colour strip</td> </tr> <tr> <td style="text-align: center;">4</td> <td>1 Set</td> <td>Die head</td> </tr> <tr> <td style="text-align: center;">5</td> <td>1 Set</td> <td>Vacuum calibration tank STV125</td> </tr> <tr> <td style="text-align: center;">6</td> <td>2 Sets</td> <td>Spraying cooling tank SC125</td> </tr> <tr> <td style="text-align: center;">7</td> <td>1 Set</td> <td>Haul-off unit R125</td> </tr> <tr> <td style="text-align: center;">8</td> <td>1 Set</td> <td>No scrap cutting unit PS125</td> </tr> <tr> <td style="text-align: center;">9</td> <td>1 Set</td> <td>Double station winder SPS63</td> </tr> <tr> <td style="text-align: center;">10</td> <td>1 Set</td> <td>Single station winder SPS110</td> </tr> </table>	Diameter (mm)	Thickness (mm)			PN6	PN10	PN16	20	—	—	2	25	—	—	2,3	32	—	2	3	40	—	2,4	3,7	50	—	3	4,6	63	—	3,8	5,8	75	—	4,5	6,8	90	—	5,4	8,2	110	4,2	6,6	10	1	1 Set	Single screw extruder JHE-60/33	2	1 Set	Automatic dryer and feeder	3	1 Set	Single screw co-extruder JHE-20/20 for colour strip	4	1 Set	Die head	5	1 Set	Vacuum calibration tank STV125	6	2 Sets	Spraying cooling tank SC125	7	1 Set	Haul-off unit R125	8	1 Set	No scrap cutting unit PS125	9	1 Set	Double station winder SPS63	10	1 Set	Single station winder SPS110
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## TECHNICAL SPECIFICATION

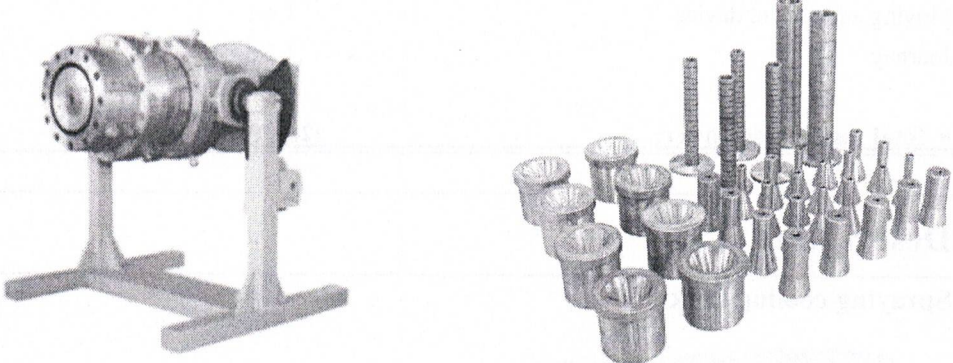
Item	Description
1	<p><b>Single screw extruder JHE-60/33</b> <span style="float: right;"><b>One set</b></span></p> 
1.1	<p><b><u>Extrusion System (Barrel &amp; Screw)</u></b></p> <p>Screw diameter : <math>\Phi 60\text{mm}</math>  L/D Ratio : 33:1  Screw material : High quality alloy steel, 38CrMoAlA, nitride treatment  Screw structure : New design with high efficiency  Nitride thickness : 0.5~0.7mm  Surface hardness : HV940~1100  Roughness of screw surface : Ra&lt;0.8  Barrel material : High quality alloy steel, 38CrMoAlA, nitride treatment  Nitride thickness : 0.4~0.7mm  Surface hardness : HV940~1100  Roughness of screw surface : Ra&lt;1.6  Feed inlet of barrel : Forced feed inlet of grooved type with water cooling jacket</p>
1.2	<p><b><u>Hopper</u></b></p> <p>Stainless steel fabricated hopper with dryer</p>
1.3	<p><b><u>Gearbox</u></b></p> <p>It is designed and made according to Germany technology</p> <p>Gear wheel material : Alloy steel; 20CrMoTi, with carbonized smoothed treatment  Gear surface material : HRC56~62  Condenser of gear box : Plate type</p>
1.4	<p><b><u>Driving unit</u></b></p> <p>Type of motor : A.C motor (Siemens China)  Power of motor : 75KW  Controller of motor : ABB controller</p>
1.5	<p><b><u>Heating zone</u></b></p> <p>Barrel heating zone : 4 Zones  Barrel cooling zone : 4 Zones  Die adapter heating zone : 1 Zone  Heating power : 3.6KW * 4</p>

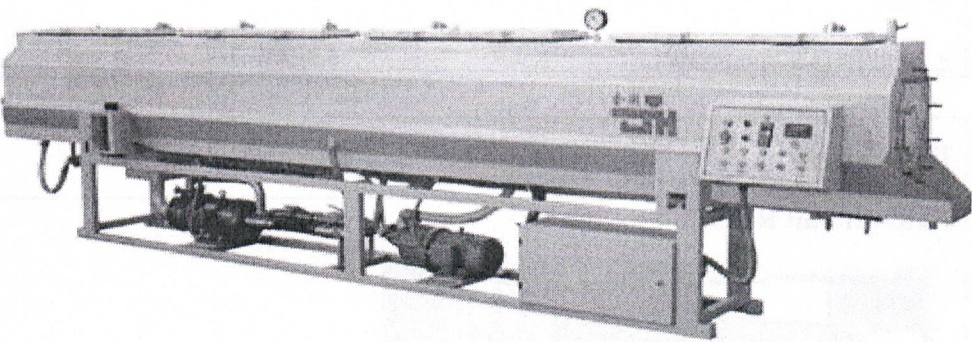
1.6	<p><b><u>Electrical control cabinet</u></b></p> <p>Type : Together with main extruder</p> <p>Control panel : Program Logic Control system –SIEMENS PLC</p> <p>Menu language : English</p> <p>Indicator light &amp; power switch : Siemens</p> <p>Contactor ,breaker and relay : Siemens</p> <p>Temperature of each zone is controlled by temperature control module of PLC system---Siemens</p> <p>Other features:-</p> <p>a. Has synchronous controlling function for main extruder with post-processing equipment</p> <p>b. Automatic pre-heating for main extruder</p> <p>c. Auto-alarm display for troubles</p> <p>All wires will be connected in order</p>	
1.7	<p><b><u>Machine frame</u></b></p> <p>Structure :Constructed by channel steel and square steel welded with optimum design</p>	
1.8	<p><b><u>Automatic feeder and dryer</u></b></p> <p>Capacity :400Kg/Hr</p>	
1.9	<p>• <b><u>Total Installation power</u></b> : <b>91KW</b></p>	

Item	Description	
2	<p><b>Single screw co-extruder JH-20/20 for color strip</b></p> <div style="text-align: center;">  </div>	<b>One set</b>
2.1	<p><b><u>General parameter</u></b></p> <p>Power of motor :1.1 KW</p> <p>Inverter : ABB brand</p> <p>Diameter of screw : 20mm</p> <p>L/D ratio : 20:1</p> <p>Material :30 CrMoA1A</p> <p>Capacity : Max≈4kg/H</p>	
2.2	<p>• <b><u>Total Installation power:</u></b> : <b>1.1KW</b></p>	

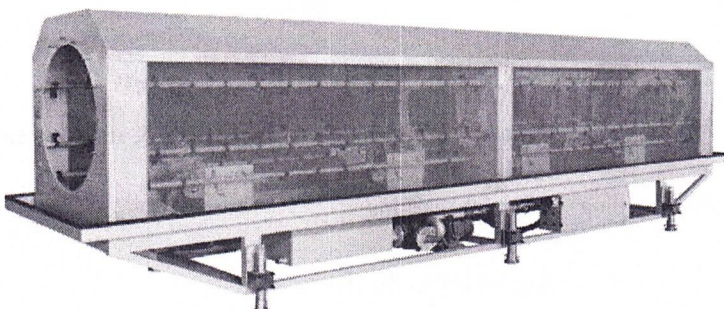
Item	Description	
3	<b>Die head</b>	<b>One set</b>

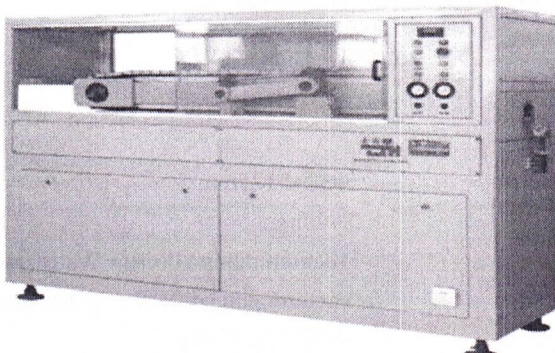


	 <p><b>3.1</b>    <u>General parameter</u>  Processing pipe range                               : <math>\Phi 32\text{-}\Phi 125\text{mm}</math>  Material   : Tempered 40Cr, polished low channel &amp; surface treatment.  Heating power   : 9.6KW  With the function of colour striping   : 4 strips marking</p> <p><b>3.2</b>    <u>Pipe thickness</u>                                       : According to the list</p> <p><b>3.3</b>    <u>Dies, mandrels &amp; calibrating sleeves</u>  Dimension x wall thickness as following: According to the list</p> <p><b>3.4</b>    <u>Dies, mandrels &amp; calibrating sleeves will be one for each size of each pressure</u></p> <p><b>3.5</b>    <u>• Total Installation power:</u>                       : <u>9.6KW</u></p>
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Item	Description
4	<p><b>Vacuum calibration tank STV125</b> <span style="float: right;"><b>One set</b></span></p>  <p><b>4.1</b>    <u>General parameter</u>  Working range   : <math>\Phi 32\text{-}\Phi 125\text{mm}</math>  Total length   : 8900mm  1st Stage(3 M)   : Vacuum pump4.0KW+ Water pump 5.5KW  2nd Stage (5M)   : Vacuum pump4.0KW+ Water pump 5.5KW  Vacuum degree   : -0.02~-0.08MPa</p> <p><b>4.2</b>    <u>Seal plates, seal rubber &amp; semi-circle holder (Use insert plate type)</u>  Suitable for pipe range                                       : <math>\Phi 32\text{-}\Phi 125\text{mm}</math></p>

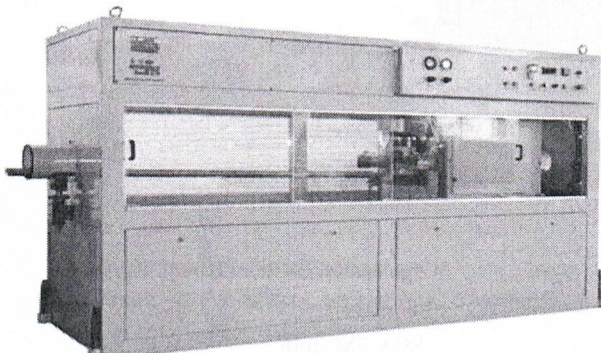
4.3	<b>Others</b> Moving adjustment device :1 set Journey :1.2m
4.4	<b>• Total Installation power: :20KW</b>

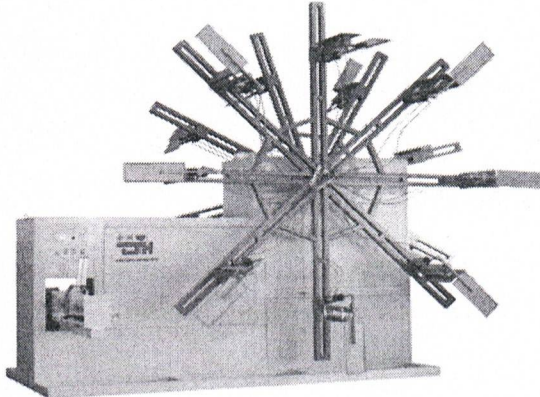
Item	Description
5	Spraying cooling tank SC125 <span style="float: right;">Two sets</span>
	
5.1	<b>General parameter</b> Working range : $\Phi 32$ - $\Phi 125$ mm Total length :6000mm Water pump power :5.5Kw x1
5.2	<b>Seal plates, seal rubber &amp; semi-circle holder (Use insert plate type)</b> Suitable for pipe range : $\Phi 32$ - $\Phi 125$ mm
5.3	<b>Others</b> Water temperature controller :1 set Water filter :1 set
5.4	<b>• Total Installation power: :5.5KW</b>

Item	Description
6	Haul-off unit R125 <span style="float: right;">One set</span>
	
6.1	<b>General parameter</b> Servo motor power :1.1 KW×3 Quantity of caterpillar : 3



	Adjustment means of caterpillar	:pneumatic clamping
	Haul-off speed	: 1.2-12 M/min.
	Effective haul-off length	: 1500mm
	Max. haul-off force	:9000N
	Working range	: $\Phi$ 32- $\Phi$ 125mm
6.2	● <b>Total Installation power:</b>	<b>: 4KW</b>

Item	Description	
7	No scrap cutting unit PS125	One set
		
7.1	<u>General parameter</u>	
	Revolving power	:1.5 Kw
	Working range	: $\Phi$ 32- $\Phi$ 125
	Max.cutting times per Min.	: 3 times/min
	Cutting way	: Pneumatic type
7.2	● <b>Total Installation power:</b>	<b>: 2KW</b>

Item	Description	
8	Double station winder SPS63	One set
		
8.1	<u>General parameter</u>	
	Type	:Two station for 20-63mm
	Working range	: $\Phi$ 20- $\Phi$ 63
	Winding speed	: Max.10M /min
	Core diameter	: 800-1500mm

Item	Description
9	<b>Single station winder SPS110</b> <span style="float: right;"><b>One set</b></span>
9.1	<p><b><u>General parameter</u></b></p> <p>Type : One station for 63-110mm</p> <p>Working range : <math>\Phi 63</math>-<math>\Phi 110</math></p> <p>Winding speed : Max.5M /min</p> <p>Core diameter : 2500-3500mm</p> <p>.....No items after this line.....</p>