

Requirements for the purchase of a technological line for the blowing of radiation-crosslinked polyolefin pipes

Information about the device:

The line enables continuous blowing of polyolefin radiation-crosslinked pipes with a modular structure that performs the following functions:

- Feeding module enabling unwinding of reels with cross-linked pipes and their transport to subsequent modules of the device. The dimensions of the reels are attached as Annex 1 to the requirements.
- Heating and blowing module with a set of tools allowing to blow pipes with dimensions and properties specified in Annex No. 2 to the requirements
- Receiving - cutting module that allows manipulation of the blown tube and cutting it into sections

The entire technological line must enable the technological process to run at minimum speed of 1m / min. for maximum diameters from Annex No.2

The scope of investment:

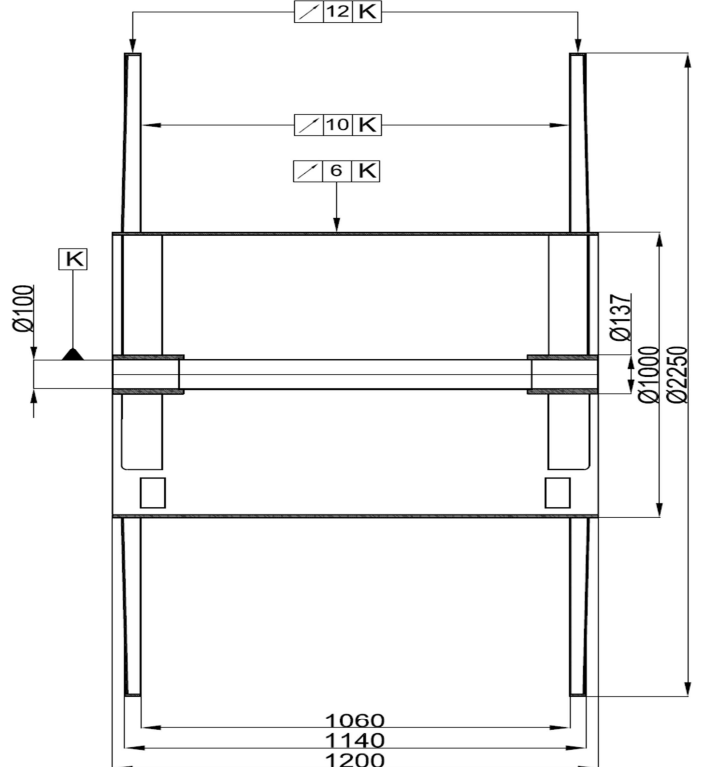
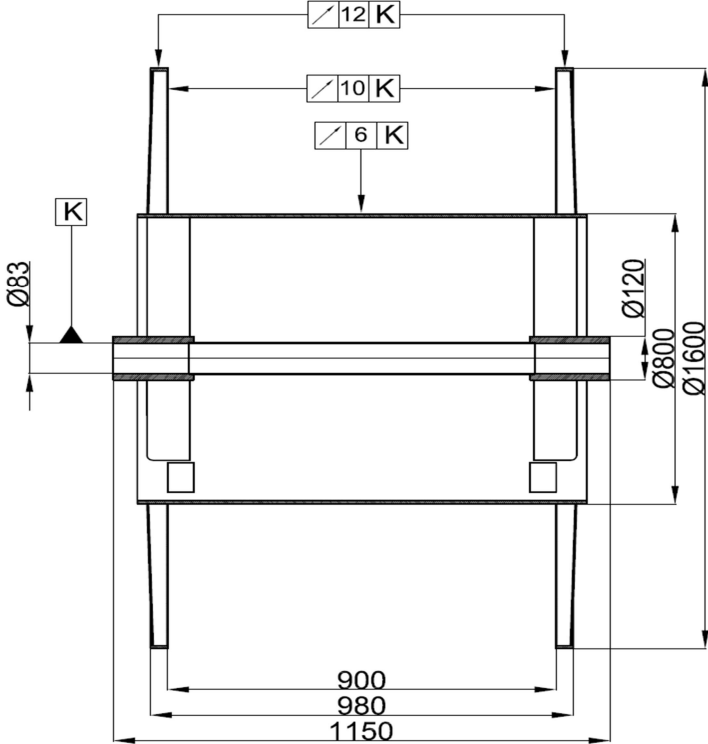
- Delivery of lines according to specifications;
- Assembly of the line in the hall in the place prepared by the investor;
- Performing all necessary installations;
- Performing the launch of the line;
- Adjustment of the line operation parameters to meet the production requirements of the pipes from the attachment;

List of attachments:

Annex No. 1 dimensions of delivery spools

Annex No. 2 List of dimensions and properties of cross-linked pipes dedicated for blowing on a technological line for the blowing of polyolefin radiation-crosslinked pipes

Annex no.1



Annex no. 2

1. Basic properties of pipes dedicated for blow molding on a technological line for the blowing of polyolefin radiation-crosslinked pipes

- halogen-free
- low emissivity of fumes
- non-flammability
- increased temperature resistance up to 135 degrees Celsius
- the ability to perform thermal transfer overprints
- various wall thickness variants (thin-walled, thickened, thick-walled)
- shrinkage ratio 2: 1; 3: 1; 4: 1

2. Basic range of sizes of pipes dedicated for blowing on a technological line for blowing on a technological line for the blowing of polyolefin radiation-crosslinked pipes - Table 1.

Tabele 1

Dimensions of heat-shrinkable tubes dedicated for blowing on a technological line for blowing polyolefin pipes cross-linked with radiation						
Produkt name	ID	coefficient	Diameter after blowing	Diameter after shrinking	Thickness of the wall after shrinking	Thickness layers of glue
			Min [mm]	Max [mm]	[mm]	[mm]
R__SHF	1,6/0,8x0,45	2 / 1	1,6	0,8	0,45	
R__SHF	2,4/1,2x0,5	2 / 1	2,4	1,2	0,5	
R__SHF	3,2/1,6x0,5	2 / 1	3,2	1,6	0,5	
R__SHF	4,8/2,4x0,5	2 / 1	4,8	2,4	0,5	
R__SHF	6,4/3,2x0,6	2 / 1	6,4	3,2	0,6	
R__SHF	9,5/4,8x0,6	2 / 1	9,5	4,8	0,6	
R__SHF	12,7/6,4x0,6	2 / 1	12,7	6,4	0,6	
R__SHF	19/9,5x0,9	2 / 1	19	9,5	0,9	
R__SHF	25,4/12,7x0,9	2 / 1	25,4	12,7	0,9	
R__SHF	38/19x1,1	2 / 1	38	19	1,1	
R__SHF	51/25,5x1,1	2 / 1	51	25,5	1,1	

R__SHF	76/38x2,3	2 / 1	76	38	2,3	
R__SHF	102/51x2,0	2 / 1	102	51	2	
R__SHF	50/19x2,5/1,05	2 / 1	50	19	2,5	1,05
R__SHF	50,8/25,4x1,1	2 / 1	51	25,4	1,1	
R__SHF	51/25,5x1,14	2 / 1	51	25,5	1,1	
R__SHF	25/10x2,0	3 / 1	25	10	2	
R__SHF	40/16x2,0	4 / 1	40	16	2	
R__SHF	25/9x1,1	5 / 1	25	9	1,1	
R__SHF	9/3x2,0	3 / 1	9	3	2	
R__SHF	12/4x2,0	3 / 1	12	4	2	
R__SHF	18/6x2,0	3 / 1	18	6	2	
R__SHF	22/6x2,6	3 / 1	22	6	2,6	
R__SHF	30/8x2,0	3 / 1	30	8	2	
R__SHF	40/12x2,6	3 / 1	40	12	2,6	
R__SHF	63/19x2,8	3 / 1	63	19	2,8	
R__SHF	75/22x3	3 / 1	75	20,5	3	
R__SHF	95/25x3,2	3 / 1	95	25	3,2	
R__SHF	22/6x3,2/0,6	3 / 1	22	6	3,2	0,6
R__SHF	40/12x3,2/0,6	3 / 1	40	12	3,3	0,6
R__SHF	63/19x3,5/0,7	3 / 1	63	19	3,5	0,7
R__SHF	75/22x3,8/0,8	3 / 1	75	22	3,8	0,8
R__SHF	95/25x4/0,8	3 / 1	95	25	4	0,7
R__SHF	19,1/6,4x2,5/0,7	3 / 1	19,1	6,4	2,5	0,7
R__SHF	25,4/8,1x3,4/0,9	3 / 1	25,4	8,1	3,4	0,9

R__SHF	31,8/10,6x3,4/ 0,9	3 / 1	31,8	10	3,4	0,9
R__SHF	39,9/13x3,4/0, 9	3 / 1	39,9	13	3,4	0,9
R__SHF	19/6x2/0,8	3 / 1	19	6	2	0,8
R__SHF	24/8x2,2/1,05	3 / 1	24	8	2,2	1,05
R__SHF	30/10x2,4/1,05	3 / 1	30	10	2,4	1,05
R__SHF	40/13x2,5/1,05	3 / 1	40	13	2,5	1,05
R__SHF	22/6x2,6/0,6	3 / 1	22	6	2,6	0,6
R__SHF	30/8x2,7/0,7	3 / 1	30	8	2,7	0,7
R__SHF	40/12x2,7/0,7	3 / 1	40	12	2,7	0,7
R__SHF	52/16x2,7/0,7	3 / 1	52	16	2,7	0,7
R__SHF	63/19x3,2/0,7	3 / 1	63	19	3,2	0,7
R__SHF	45/12x3,8/0,8	3 / 1	45	12	3,8	0,8
R__SHF	34/7x2,6	4 / 1	34	7	2,6	
R__SHF	56/12x2,7	4 / 1	56	12	2,7	
R__SHF	34/7x3,2/0,6	4 / 1	34	7	3,2	0,6
R__SHF	56/16x3,4/0,7	4 / 1	56	16	3,4	0,7
R__SHF	16/4x2,1/1,05	4 / 1	16	4	2,1	1,05
R__SHF	18/4,45x2,4/1, 2	4 / 1	18	4,45	2,4	1,2
R__SHF	24/6x2,5/1,25	4 / 1	24	6	2,5	1,25
R__SHF	32/8x2,5/1,25	4 / 1	32	8	2,5	1,25
R__SHF	52/13x2,5/1,25	4 / 1	52	13	2,5	1,25
R__SHF	17/3x2,6/0,6	5 / 1	17	3	2,6	0,6
R__SHF	55/10x4,5/0,8	5 / 1	55	10	4,5	0,8
R__SHF	55/10x5,3/0,8	5 / 1	55	10	5,3	0,8