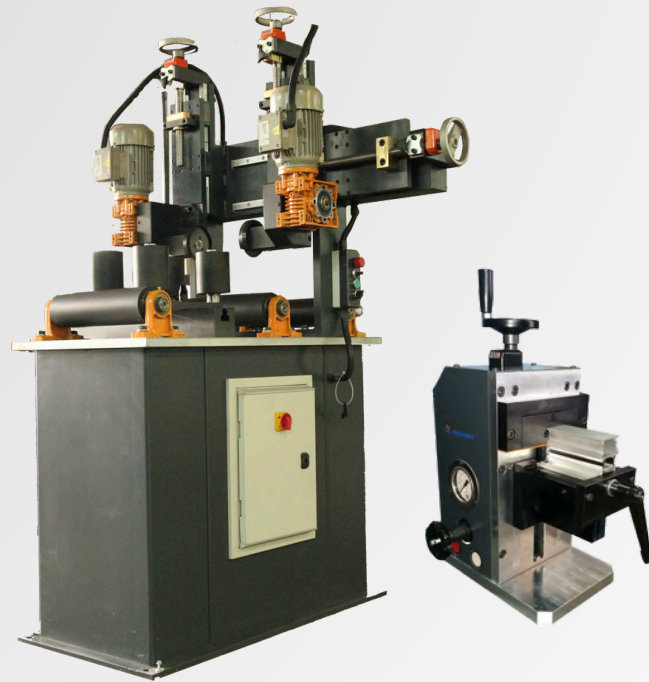


THERMAL BREAK SYSTEM LINE



**ROLLING MACHINE
KNURLING MACHINE
TESTER**

DETAIL

THERMAL BREAK SYSTEM LINE

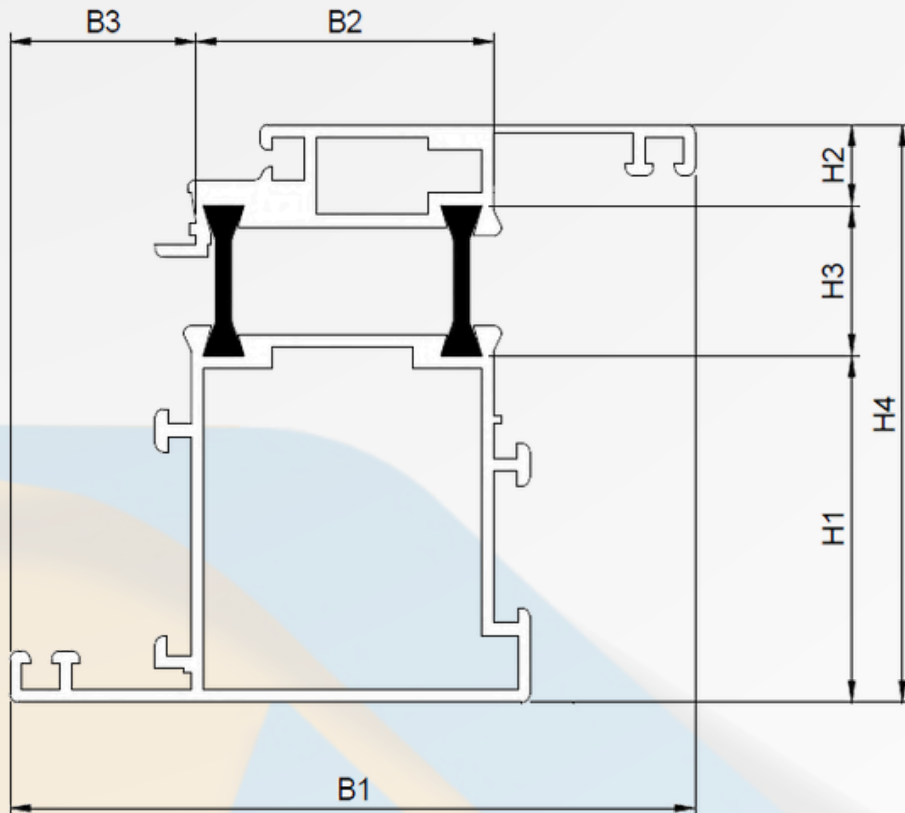
ROLLING MACHINE AFS 160 S



This machine is equipped with a powerful 2.2 kW main motor that simultaneously drives four discs. Speed adjustment is easily done through digital potentiometers on the control panel, with a speed limit range of 0-120 m/min.

Each station features mechanical indicators, allowing for easy adjustments with 5% accuracy. The third and final station, the straightening station, performs the final pressing and precise profile alignment.

The height of the discs can be easily adjusted without removing them from the machine, with barrier height adjustments between 10 mm and 40 mm.

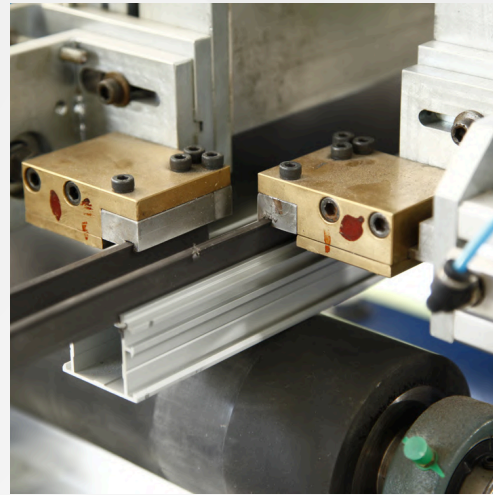
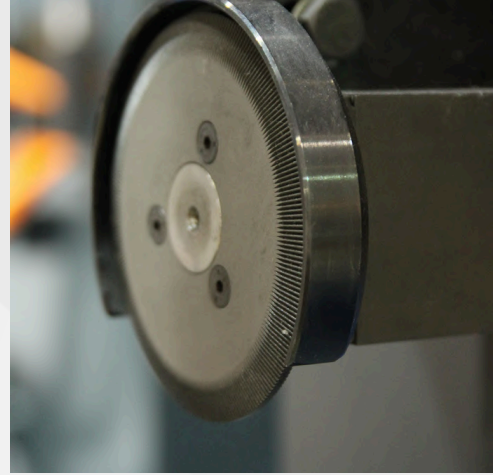


B1	B2	B3	H1	H2	H3	H4
385	0-235	75	60	225	10-40	295

DETAIL

THERMAL BREAK SYSTEM LINE

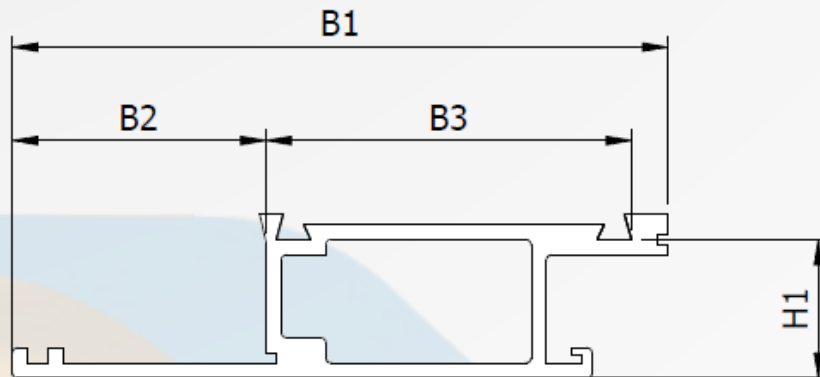
KNURLING MACHINE ADA 160 H



The Knurling Machine is designed to perform the knurling processes accurately and efficiently with its various features. It has three rubber-coated, free-rotating rollers and two knurling discs made from special materials, driven by a reducer.

One of the knurling groups can move vertically on linear bearings, while the other can move both vertically and horizontally. Additionally, there are four rubber-coated centering rollers and distance measurement indicators on all axes.

Speed adjustment can be made with an inverter device, and a pneumatic gasket mounting system is also included. The machine operates with two 0.75 kW motors, a reducer, and an inverter, offering a maximum feed speed of 120 m/min.



B1	B2	B3	H1
350	70	10-230	220

DETAIL

THERMAL BREAK SYSTEM LINE

THERMAL BREAK PROFILE TESTER TST100

The testing device performs shear tests on 100 mm samples taken after the rolling process of the profiles. The device is mechanical, provides test results using a pneumatic piston and a manometer.



WEIGHT & DIMENSIONS

THERMAL BREAK SYSTEM LINE

ROLLING MACHINE

Seri	Conveyor Dimensions (Dismantled)			Machine Dimensions			Power			Weight
	Width	Lenght	Height	Width	Lenght	Height	Volt	Phase	Total	
AFS160	1. 540 2. 560	7.550 3.900	1.200 900	1.350 mm	1.500 mm	1.700 mm	400	3	2,95 kW	1.800,00

KNURLING MACHINE

Seri	Conveyor Dimensions (Dismantled)			Machine Dimensions			Power			Weight
	Width	Lenght	Height	Width	Lenght	Height	Volt	Phase	Total	
ADA160	1. 560 2. 540	3.900 7.500	900 1200	1.160 mm	1.000 mm	2.100 mm	400	3	1,5 kW	1.050 KG

TESTER

Seri	Machine Packing Dimensions			Power			Weight
	Width	Lenght	Height	Pneumatic			
TST100	380 mm	250 mm	480 mm	Maks.	10	Bar	40 KG

CAPACITY & POWER

THERMAL BREAK SYSTEM LINE

ROLLING MACHINE

Seri	Electric Motors	
	Main Motor	Adjustment Motor
AFS160	1 x 2,2 kW 1500 rpm/m.	1 x 0,75 kW 1000 rpm/m.



A total of 6 discs perform the clamping process in 3 groups. In the third group, horizontal and vertical alignment is possible along with the clamping process.



4 discs are synchronized, while 2 discs can rotate freely.



There are 3 lower and 3 upper free-spinning rollers coated with rubber.



The speed can be adjusted with an inverter.



Safety switch cover.



Easy adjustment is provided by mechanical indicators.

KNURLING MACHINE

Seri	Electric Motors
	Disc Motors
ADA160	2 x 0,75 kW 1500 d/d.



2 gear-cutting discs driven by a reducer, made from special material.



1 gear-cutting group with vertical movement on linear bearings.



1 gear-cutting group with both vertical and horizontal movement on linear bearings.



Indicators that allow distance measurement on all axes.

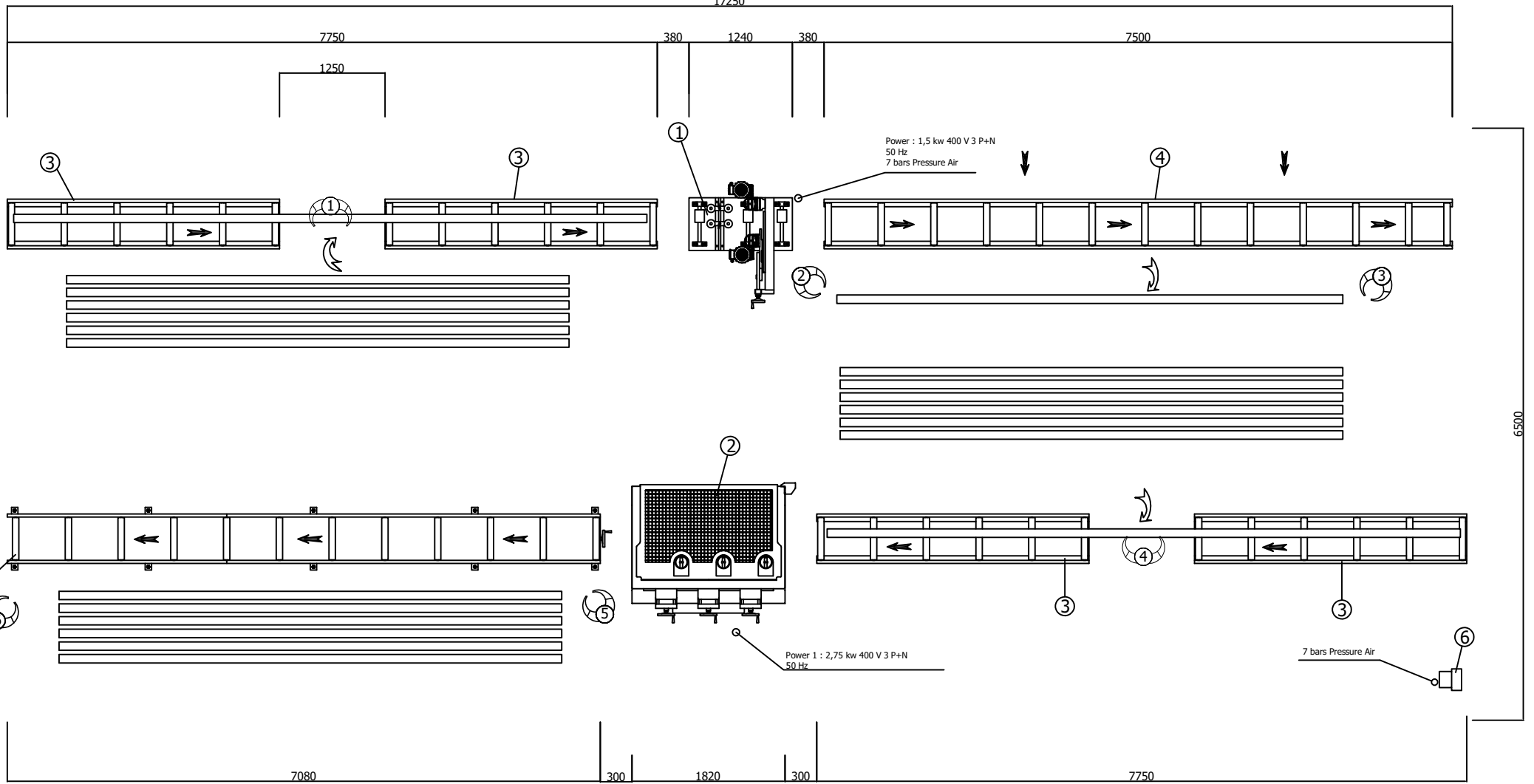


Speed adjustment option with an inverter device.



Pneumatic gasket mounting system.

17250



No	Description	Qty
1	Knurling Machine ADA - 160 HY	1
2	Rolling Machine AFS - 160 S	1
3	In feed 2.5 Mts	4
4	Knurling Machine Out Feed Tables 7.5 Mt	1
5	Rolling Machine Out Feed Tables 7.1 Mt	1
6	Share Tester	1

Layout For
 Thermal Break Profile Assembly Line
 ADA -160 HY & AFS - 160 S

