

Structural diagram of the cut to length line with storage device

Lines modules

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|--------------------------------|-------------------------|
| 1. Uncoiler | 5. The storage module |
| 2. Technological module | 6. Film wrapping module |
| 3. Centering module | 7. Control module |
| 4. Transverse splitting module | |

Composition of lines:

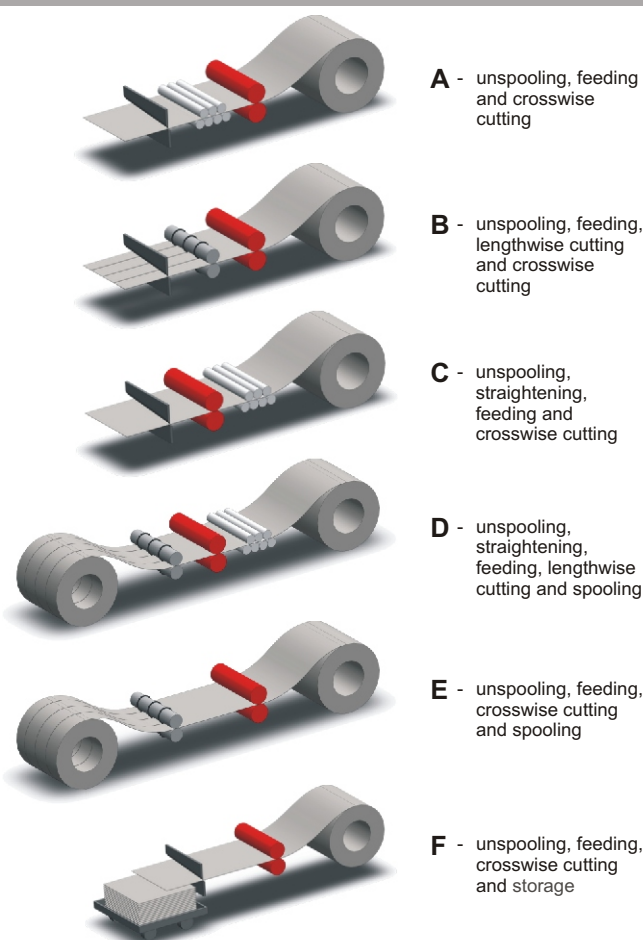
Lines MCL (Modular cutting lines)

Intended for splitting of metal materials, which are supplied in coils, into sheets or strips, which can be stacked or winding by automated way. Splitting process is highly efficient, individual operations are performed simultaneously in automatic mode with minimal need for manual adjustment.

For the construction lines (MCL) is available set of modules from which purposeful structure of lines can be assembled, according to customer requirements.

Technology modules (TM): they integrated both submission, straightening and longitudinal cutting. TM compact solution significantly reduces space requirements to install the line. TM parameters indicate the parameters of the lines as well (see chart).

Unwinding modules: are supplied as mechanical or motoric ones with coil weight from 3 tons to 10 tons, for the width of 1000 mm, 1250 mm and 1500 mm. MCL are economically cost-effective solution that increases productivity, reduces costs and prevents the generation of waste in splitting of coils. MCL parameters we can change by customer request.



Technical parameters of typical technology modules

Model	Working width	Max.sheet thickness steel 400N/mm ²	Max.sheet thickness stainless 600N/mm ²	Max.sheet thickness aluminium 275N/mm ²	Number of straightening rolls	Number of feeding rolls	Speed	Motor	Weight
	mm	mm	mm	mm	ks	ks	m/min	kW	kg
TM0	1050	1,25	0,5	2	5	2	25	0,75+1,1	1500
TM1	1250	1,75	1	3,5	5	2(4)	15	3+2,2	2450
TM2	1250	2,25	1,5	4	7	4	25	4+2,2	2800
TM3	1500	1,5	1	3	5	2(4)	15	3+2,2	3050
TM4	1500	2	1	3,5	7	4	25	4+2,2	3200

Other parameters by customer request.