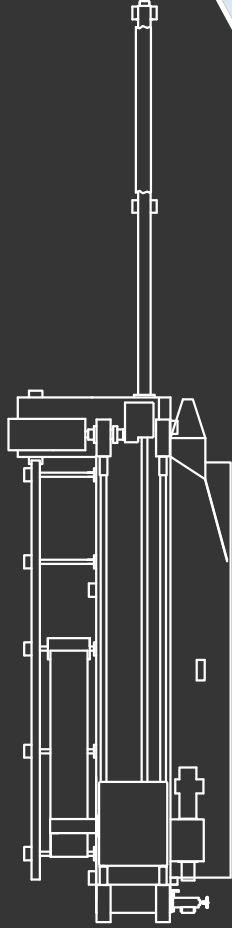


FLYING CUT OFF MACHINES

MTM flying cut off machines provide you with state of the art technology for production of ERW quality tubes. Our flying cut off machines are well-known all around the world to be of high quality, with superior design and of very accurate manufacture.



experience **your** innovation

FLYING CUT OFF MACHINES

When **accuracy** and **reliability** do matter

Standard MTM flying cut off machines range

- ⇨ Cold saw, HSS and TCT
- ⇨ Orbital saw (Comby)
- ⇨ Friction saw
- ⇨ Single blade punch
- ⇨ Double knife (dimple free)

Optional features

- ⇨ "Cut by weight" system
- ⇨ Scrap tube optimization
- ⇨ Complete protection tunnel
- ⇨ Modem connection for diagnostic

Common features of MTM flying cut off machines

- ⇨ Rack and pinion transmission
- ⇨ AC, DC or linear motor for acceleration of carriage
- ⇨ Possibility to vary length of cutting without stopping tube mill
- ⇨ Penetration axis electronically controlled
- ⇨ Control pulpit provided with PC based man machine interface
- ⇨ Auto diagnostic software
- ⇨ Displaying production statistic and operation diagnostic
- ⇨ Interface to in line non destructive test
- ⇨ Electronically controlled lubrication system
- ⇨ Hydraulic/Mechanical blocking jaws
- ⇨ Short cuts for scrap tube capability
- ⇨ Electronic adjustment of blade speed according to the material characteristics
- ⇨ Saw blade quick change
- ⇨ Easy to use PC based graphic interface

Our technical sales service can quickly provide you with special flying cut off equipment quotations for any particular application

MTM Flying cut off machines characteristics

MODEL	Ø min***		Ø max***		WT min		WT max		Cutting Process	Tolerance		Max cuts	Max speed	
	mm	in	mm	in	mm	in	mm	in		mm	in		m/min	ft/min
TC400 RAD	*	*	*	*	0.2	0.008	0.35	0.014	P	± 0.3	± 0.012	500	120	394
A25 SK	10	0.236	28	1.100	0.2	0.008	1.2	0.047	P	± 0.5	± 0.020	150	200	656
A25 CS	10	0.394	25	1.000	0.5	0.020	1.5	0.059	C	± 1.0	± 0.039	50	180	591
A50 CS	10	0.394	38	1.500	0.5	0.020	2.5	0.100	C	± 1.0	± 0.039	36	180	591
A71 CS	12	0.500	80	3.150	0.7	0.028	4.5	0.177	C	± 1.0	± 0.039	30	180	591
A71 FS	12	0.500	80	3.150	0.7	0.028	6.0	0.236	F	± 1.0	± 0.039	30	180	591
A100 CS	38	1.500	152	6.000	1.0	0.040	6.0	0.236	C	± 1.5	± 0.059	25	120	394
A100 FS	38	1.500	168	6.615	1.0	0.040	8.0	0.315	F	± 1.5	± 0.059	25	120	394
A200 FS	76	3.000	254	10.000	2.0	0.080	10.0	0.400	F	± 2.5	± 0.100	15	80	262
M&K1.5	10	0.236	38	1.500	0.5	0.020	2.0	0.079	D	± 1.5	± 0.059	90	200	656
M&K3	19	0.750	76	3.000	0.8	0.031	4.0	0.157	D	± 1.5	± 0.059	60	180	591
M&K5	31	1.200	127	5.000	1.5	0.059	6.0	0.236	D	± 1.5	± 0.059	40	120	394
A206 COMBY	63	2.500	168	6.615	1.5	0.059	12.7	0.500	Comby	± 1.5	± 0.059	15	80	262
A208 COMBY	76	3.000	219	8.625	2.0	0.080	12.7	0.500	Comby	± 1.5	± 0.059	15	60	200

For dimensions of squares consider derived shapes.
Contact our technical sales department for information about cutting rectangular and flat oval shapes.

*Specific for flat radiator tubes: min 12x1.5 [mm] – 0.500x0.060 [in]
MAX 36x2.0 [mm] – 1.420x0.080 [in]

P Punch
C Cold saw

F Friction saw
D Dimple Free

Comby MTM orbital cold sawing process

Specifications mentioned in this publication are subject to change without notice.