



# Cutters



## Rollepaal Cutting Machines

Rollepaal offers a wide range of cutters (RCM) and chamfering machines (CCM). The Rollepaal cutters run in a range of diameters from 16 to 520 mm (3/4" - 20"). The unique design of the Rollepaal cutters incorporates chisels which rotate around the pipe. Because of this no dust will be produced.

### **Cutting & Chamfering Machine - CCM**

The CCM is a modular automatic cutting and chamfering machine for plastic pipes in a range of diameters from 32 to 500 mm (1 1/4" - 20").

Immediately before the cutting action, two pneumatically actuated clamp assemblies with four arms each, secure the carriage to the moving plastic pipe causing the carriage to move along at the same speed as the pipe. The pipe can therefore be cut and chamfered without interrupting the production process. In order to change over from one pipe to another, it is not necessary to change any of the components. Tool movement and carriage are controlled by a camdisk.

### **Rollepaal Cutting Machine - RCM**

The RCM is an automatic cutting and chamfering machine for plastic pipes in a range of diameters from 16 to 520 mm (3/4" - 20"). The RCM range was designed especially to realize a significant reduction in the conversion times, cycle time and a smooth ejection of cutting swarf. The advanced technology used, ensures uniform cutting and chamfering and makes the RCM relatively insensitive to irregularities in the shape of the pipe. Tool movement and carriage are controlled by a servodrive.

### Features of the Rollepaal RCM

- Multiple cutting lengths in one line
- Improved lifetime of cutting tools because of optimal cutting speed
- Faster movement towards the pipe which results in faster cutting
- Most parameter settings on touchscreen

A dust free production of any application and an excellent cut for any socketing device are guaranteed with Rollepaal cutters, as well as ease of use, a robust design and solutions for high speed lines, PP lines and lines for special PVC products and high filled materials.

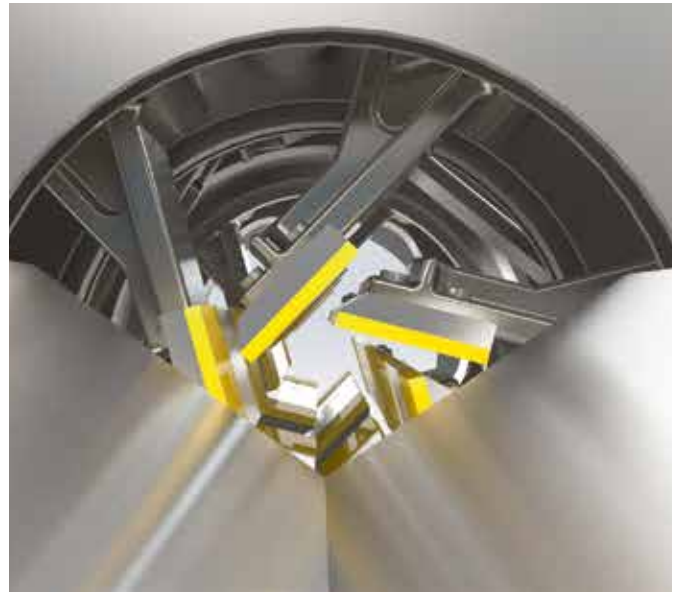


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### Benefits of Rollepaal cutters

- Swarfless and non swarfless cutting machines
- All movements are electro mechanically driven (no hydraulics)
- Cutting parameters can be set during production
- Tool change during production
- Use of standard cutting tools
- Low noise level
- Clean and dust free cut
- Easy operator interface
- Unmatched quality of cutters



### Product Range

	Pipe diameter				Pipe wall thickness				Maximum line speed*		Shortest pipe length	
	min		max		PVC		PO		m / min	ft / min	mm	inch
	mm	inch	mm	inch	mm	inch	mm	inch				
RCM 4	20	0.8	125	4.9	12	0.5	20	0.8	24	78	200	8.0
RCM 8	25	1.0	225	8.8	20	0.8	32	1.2	16	52	200	8.0
RCM 16	90	3.6	410	16.1	25	1.0	n.a.	n.a.	12	39	400	16.0
RCM 20	110	4.4	520	20.4	35	1.3	70	2.7	9	29	500	20.0

\* Maximum line speed depends on wall thickness

	Pipe diameter				Pipe wall thickness		Maximum line speed*	
	min		max		PVC		m / min	inch / min
	mm	inch	mm	inch	mm	inch		
DCCM 32-170 9,4	32	1.2	170	6.7	12	0.5	9.4	370
DCCM 32-170 13,3	32	1.2	170	6.7	8	0.3	13.3	524
DCCM 32-170 22,0	32	1.2	125	4.9	5	0.2	22	866
DCCM 50-250-V	50	2	250	9.8	25	1.0	12	472
DCCM 110-450-V	110	4.4	450	17.7	25	1.0	8	315
DCCM 160-500-V	160	6.3	500	19.7	25	1.0	8	315

\* Maximum line speed depends on wall thickness



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