



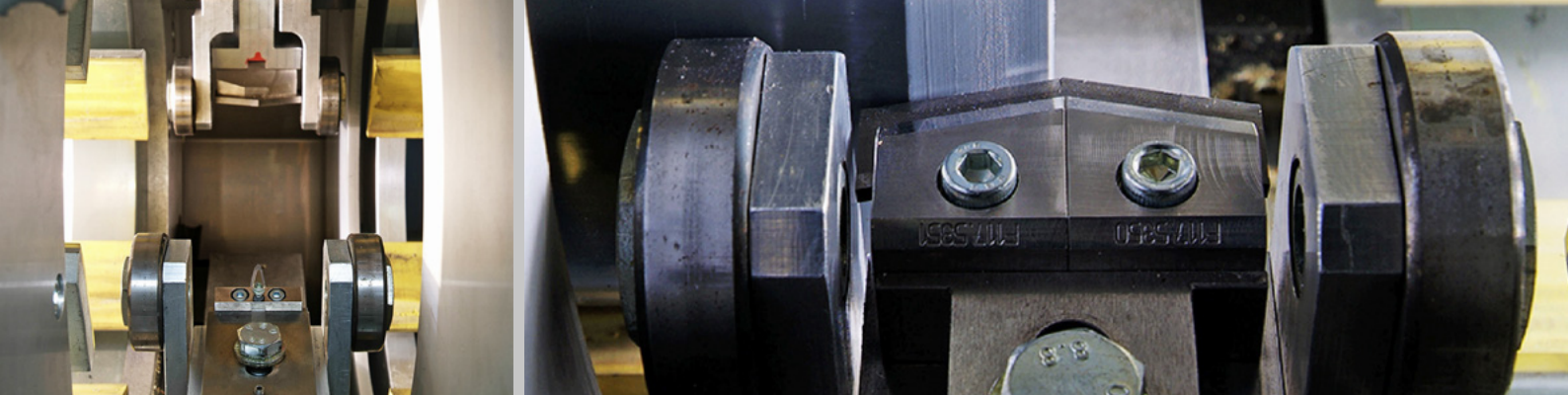
Cutters

Rollepaal offers a wide range of cutters and chamfering machines (CCM & RCM). Rollepaal cutters run in a range of diameters from 20 to 520mm (3/4"- 20"). The unique design of the Rollepaal cutters incorporate chisel cutting devices that rotate around the pipe, making this a dust-free system.



Rollepaal

Pipe Extrusion Technology



Cutters

Cutting & Chamfering Machine - CCM

The CCM is a modular automatic cutting and chamfering machine for plastic pipes with diameters from 32 to 500mm (1 ¼"-20").

Before cutting the pipe, two pneumatically actuated clamp assemblies with four arms each secure the carriage to the moving plastic pipe, ensuring that the carriage moves along at the same speed as the pipe. With this system, the pipe can be cut and chamfered without interrupting the production process. None of the components need to be changed when moving over from one pipe to the next. 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 with diameters from 20 to 520mm (3/4"- 20"). The RCM range was designed especially to cut conversion times and cycle time significantly and to ensure smooth ejection of the cutting swarf. The advanced technology ensures uniform cutting and chamfering and makes the RCM relatively insensitive to irregularities in the shape of the pipe. Tool movement is controlled by a camdisk.

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

Features and benefits of the Rollepaal RCM

- ▶ Multiple cutting lengths in one line
- ▶ Optimal cutting speeds mean longer service life of cutting tools
- ▶ Faster movement towards the pipe which results in faster cutting
- ▶ Most parameter settings displayed on touchscreen

Features and 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 | | m / min | inch / min | mm | inch |
| | mm | inch | mm | inch | mm | inch | | | | |
| RCM 4 | 20 | 0.8 | 125 | 4.9 | 12 | 0.5 | 24 | 945 | 200 | 8.0 |
| RCM 8 | 25 | 1.0 | 225 | 8.8 | 20 | 0.8 | 16 | 629 | 200 | 8.0 |
| RCM 16 | 90 | 3.6 | 410 | 16.1 | 25 | 1.0 | 12 | 472 | 400 | 16.0 |
| RCM 20 | 110 | 4.4 | 520 | 20.4 | 35 | 1.3 | 9 | 354 | 500 | 20.0 |
| CCM 32-170 | 32 | 1.2 | 170 | 6.7 | 8 | 0.3 | 13.3 | 523 | | |
| CCM 50-250-V | 50 | 2 | 250 | 9.8 | 25 | 1.0 | 12 | 472 | | |
| CCM 110-450-V | 110 | 4.4 | 450 | 17.7 | 25 | 1.0 | 8 | 315 | | |
| CCM 160-500-V | 160 | 6.3 | 500 | 19.7 | 25 | 1.0 | 8 | 315 | | |



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