



## Q SERIES – SINGLE SHAFT SHREDDERS

### APPLICATIONS

The Q series of single shaft shredders are suitable for processing almost all plastics. The machines will shred production waste, pipes, automotive parts, blow-moulded materials such as PET-bottles, PE/PP bottles, containers or buckets. Moreover, materials such as wood, paper, cardboard can be shredded without any problems.

### GENERAL DESCRIPTION

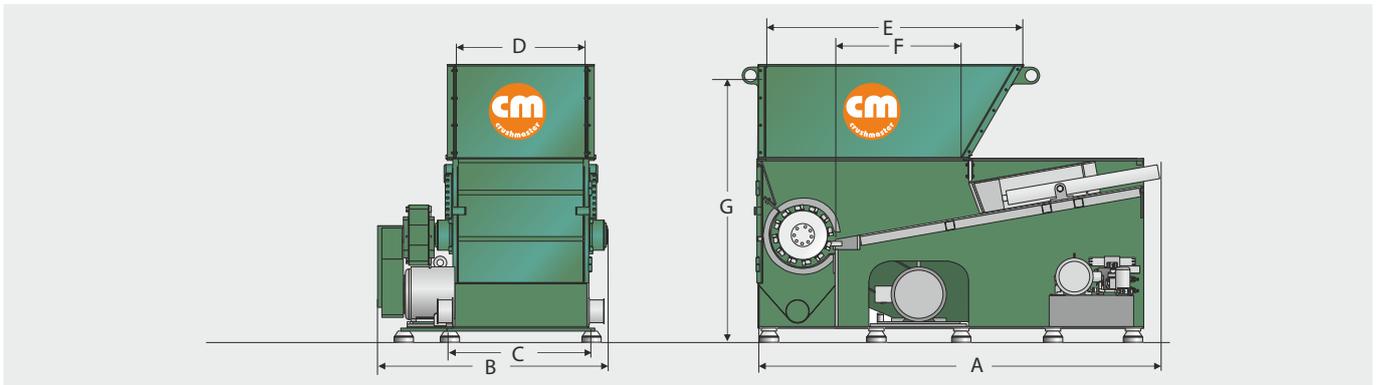
The Q series are single shaft shredders with a powerful hydraulic horizontal feed ram. The machine is very versatile and can be used for shredding all kind of input materials and is well suited for different industries.

The 400 mm diameter rotors ranging from 600 to 1700 mm width are driven by a low speed, high torque geared drive.

The hydraulic power pack is well integrated into the machine housing to save space and protect it from damage but is still easy to access or remove for maintenance.

### ADVANTAGES

- » The shredders use concave ground square knives, producing high-quality output. The cutters can be turned after a side is worn out.
- » All Crushmaster shredders are equipped with a large diameter flat rotor. The knives are fixed in special knife holders fitted in machined pockets.
- » Easily removable screen for quick rotor access and screen change.



Q Series		Q 60	Q 80	Q 110	Q 140	Q 170
Rotor diameter	(mm)	400	400	400	400	400
Rotor width	(mm)	580	860	1140	1420	1700
Drive capacity	(HP)	20	30	40	55	75
Rotor knives	(pcs)	13	20	27	34	41
Stator blades	(rows)	1 x 2	1 x 3	1 x 4	1 x 5	1 x 6
Screen size	(mm)	12 - 100	12 - 100	12 - 100	12 - 100	12 - 100
Effective working area	(mm)	520 x 470	800 x 820	1080 x 1040	1360 x 1430	1550 x 1650
Weight	(approx. kg)	1700	2600	3300	5300	6100
<b>Dimension</b>						
Length A	(mm)	2010	2690	3170	4000	4323
Width B	(mm)	1330	1620	1900	2350	2733
Width C	(mm)	650	930	1210	1530	1981
Width D	(mm)	580	860	1140	1420	1700
Length E	(mm)	1260	1620	1880	2230	2380
Length F	(mm)	470	820	1090	1400	1550
Height G	(mm)	1786	1876	1982	2286	2366

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