

SORTING GRAPPLES



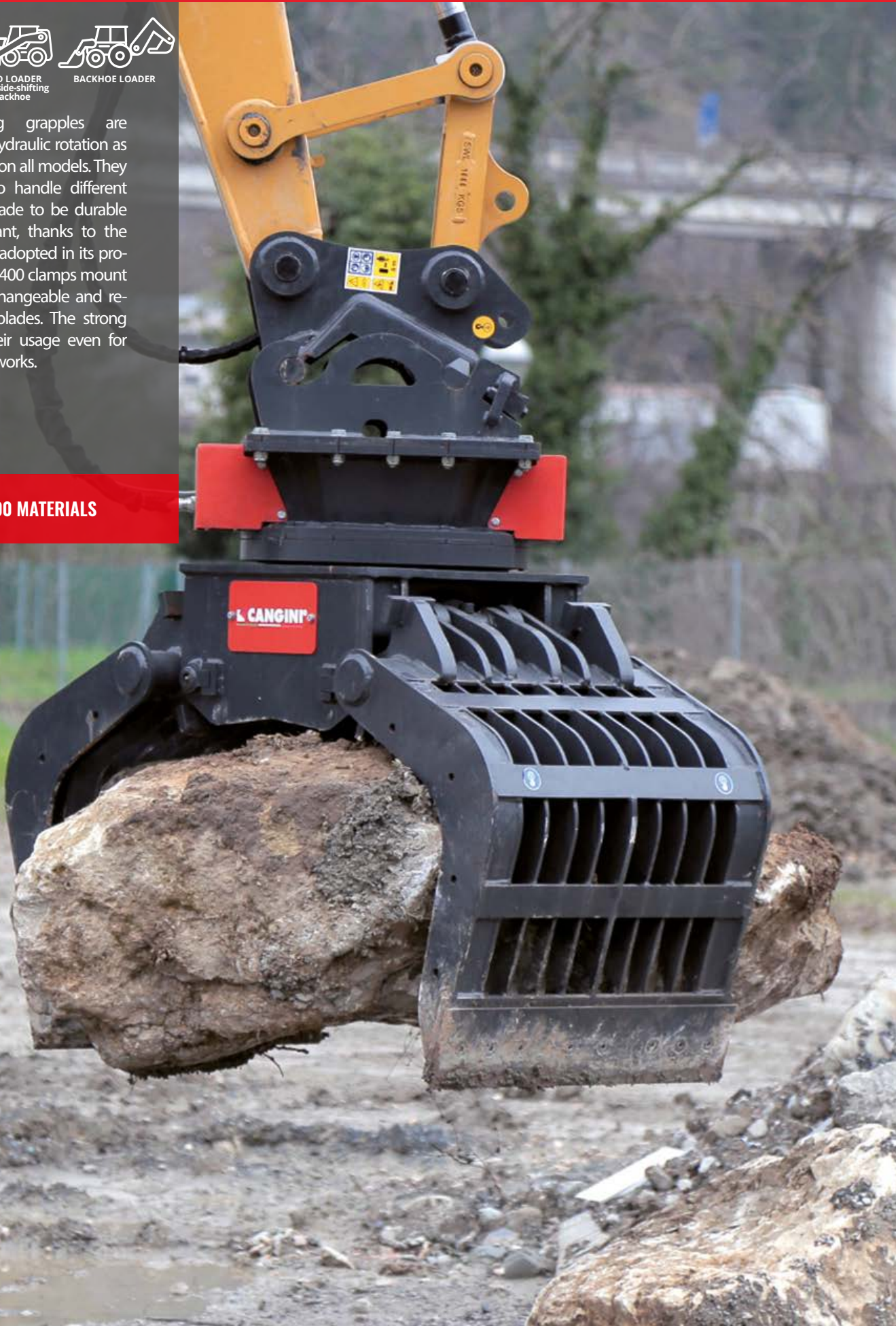
WE DESIGN EXPERIENCES AROUND OUR VALUES

SORTING GRAPPLES



Cangini sorting grapples are equipped with hydraulic rotation as standard feature on all models. They are conceived to handle different materials and made to be durable and wear resistant, thanks to the high-grade steel adopted in its production. The HB400 clamps mount bolted-in, inter-changeable and reversible HB400 blades. The strong frame allows their usage even for light demolition works.

HB400 MATERIALS



HYDRAULIC 360° ROTATION

All shears are equipped with a bidirectional hydraulic rotation.

Hydraulic rotator

Hydraulic rotation with hydraulic rotator for the 100PF and 150PF models.



100PF

150PF

Slewing ring

Hydraulic rotation with slewing ring for the 200PF, 250PF, 300PF, 300PG, 450PF, 450PG, 550PF and 550PG models.



200PF

250PF

300PF

300PG

450PF

450PG

550PF

550PG

TECHNICAL DATA

Tons (lb)			1,2 - 1,8 (2646-3968)		1,8 - 2,5 (3968-5512)		2,5 - 4,0 (5512-8818)		4,0 - 6,0 (8818-13228)		6,0 - 7,5 (13228 - 16535)		7,5 - 12,0 (16535 - 26455)		12,0 - 14,0 (26455 - 30865)	
MOD.			100PF	150PF	200PF	250PF	300PF	300PG	450PF	450PG	550PF	550PG				
	w/o coupler	kg (lb)	88 (194)	143 (315)	203 (448)	310 (683)	380 (838)	400 (882)	5 50 (1213)	590 (1301)	630 (1389)	645 (1422)				
	 max.	bar (psi)	180 (2611)	220 (3191)	245 (3553)	275 (3989)	350 (5076)	350 (5076)	350 (5076)	350 (5076)	350 (5076)	350 (5076)				
	 max.	l/min (gal/min)	25 (7)	25 (7)	25 (7)	60 (16)	60 (16)	60 (16)	60 (16)	60 (16)	60 (16)	60 (16)				
	 max.	bar (psi)	250 (3626)	250 (3626)	150 (2176)	150 (2176)	150 (2176)	150 (2176)	150 (2176)	150 (2176)	150 (2176)	150 (2176)				
		l/min (gal/min)	22 (6)	22 (6)	6/8 (1,6/2,1)	9/12 (2,4/3,2)	9/12 (2,4/3,2)	9/12 (2,4/3,2)	9/12 (2,4/3,2)	9/12 (2,4/3,2)	9/12 (2,4/3,2)	9/12 (2,4/3,2)				

DIFFERENT VERSIONS

PF version



100PF 150PF 200PF 250PF 300PF 450PF 550PF

PG version



300PG 450PG 550PG

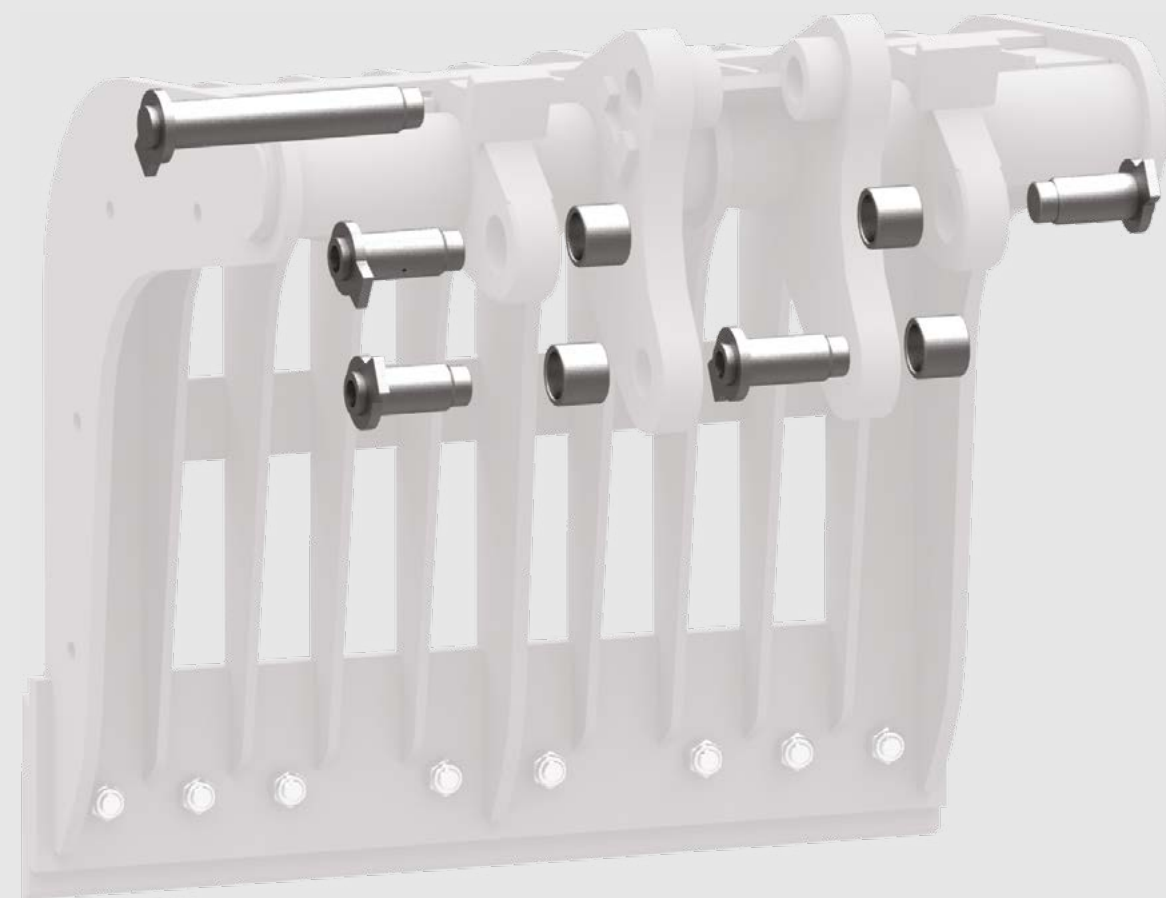
REVERSIBLE HB400 BLADES

The clamps' HB400 blades are bolted-in, inter-changeable and reversible elements. This feature makes maintenance easier and extends the useful life of the sorting grapples themselves.



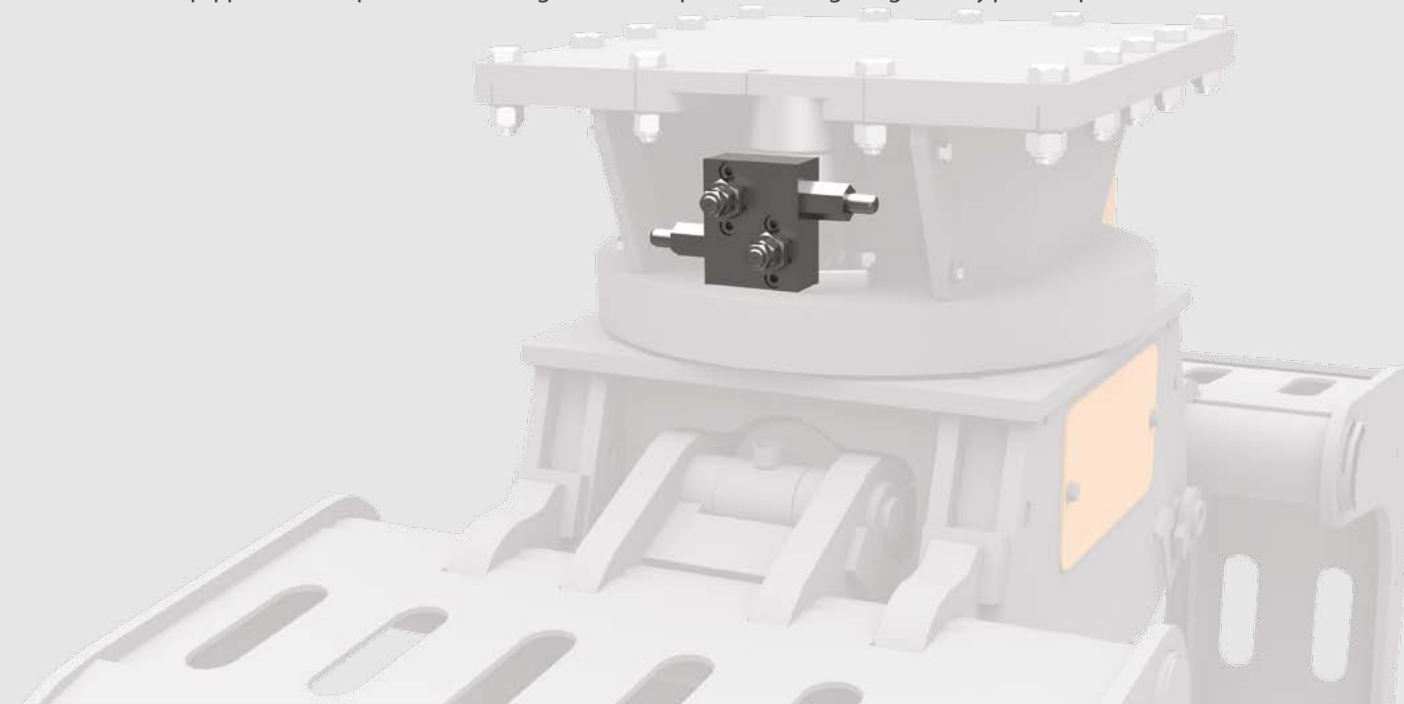
LONG-TERM WEAR RESISTANCE

Their high wear resistance is granted by the utilization of high-grade steels for parts mostly subject to wear. The same pins, in 39NiCrMo3 steel, undergo a hardening heat treatment process (60 HRC), while bushes are casehardened and tempered.



PROTECTION AGAINST PRESSURE OVERLOADS

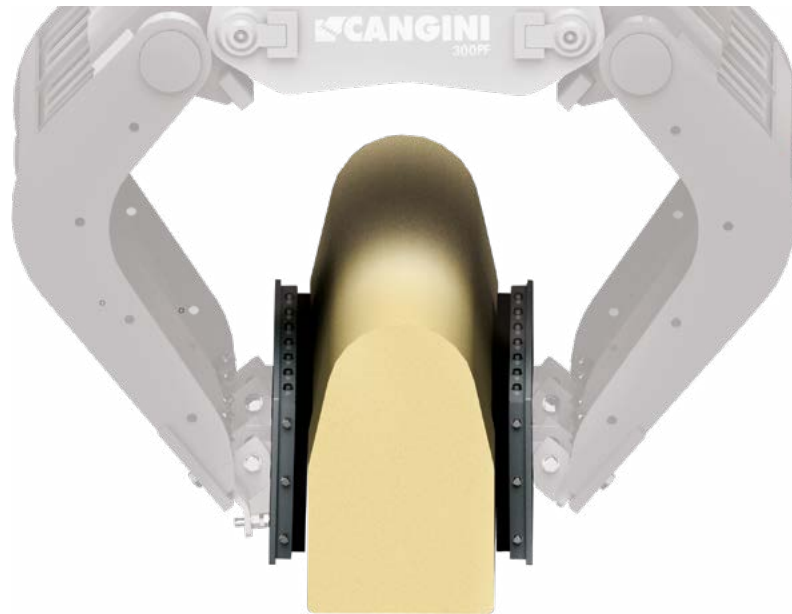
All models are equipped with the pressure-relief flanged valve that protects the engine against any possible pressure overload.



BLADES FOR ANY NEED

Curb handling

Elements with a rubber surface to handle concrete curbs safely.



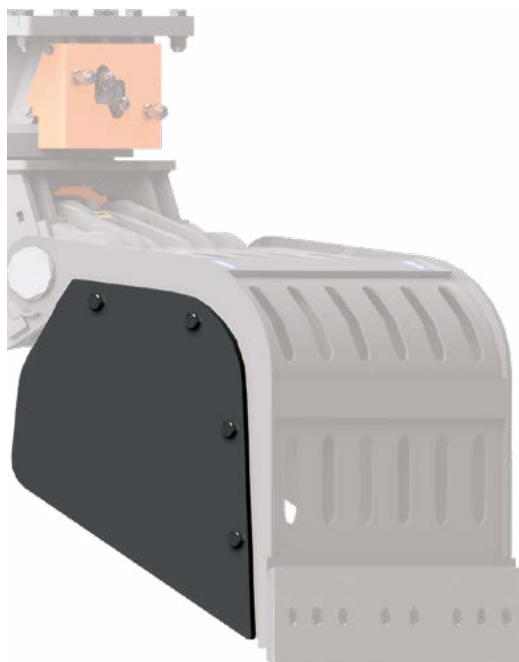
DC Teeth

Ideal for the stones grabbing and the handling of filling material.



Side closing

It increases the loading capacity of the sorting grapple.



Side toothed closing

The toothing edge enables to handle stones and/or wood and ensures a steadier grip.



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SORTING GRAPPLE

High productivity and use even in heavy-duty conditions thanks to hydraulic rotation standard on all models, and claws and blades in hardwearing HB400 steel.

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Designed to handle a variety of materials, with exceptional wear resistance over time thanks to construction in high-strength steel. Versatile, it is particularly useful on sites needing to handle a variety of materials in short times. The Cangini sorting grapple can be fitted with a large assortment of accessories: side closing, with and without teeth, which increases its load capacity for a more effective grip on stones and timber, curb handling with rubber surfaces for the secure handling of concrete curbs, and the additional toothed blades for handling stones and aggregates. With a particularly rugged structure, it can also tackle light-duty demolition jobs.

Download



Data sheet



Brochure

Strengths

our partner next to you

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