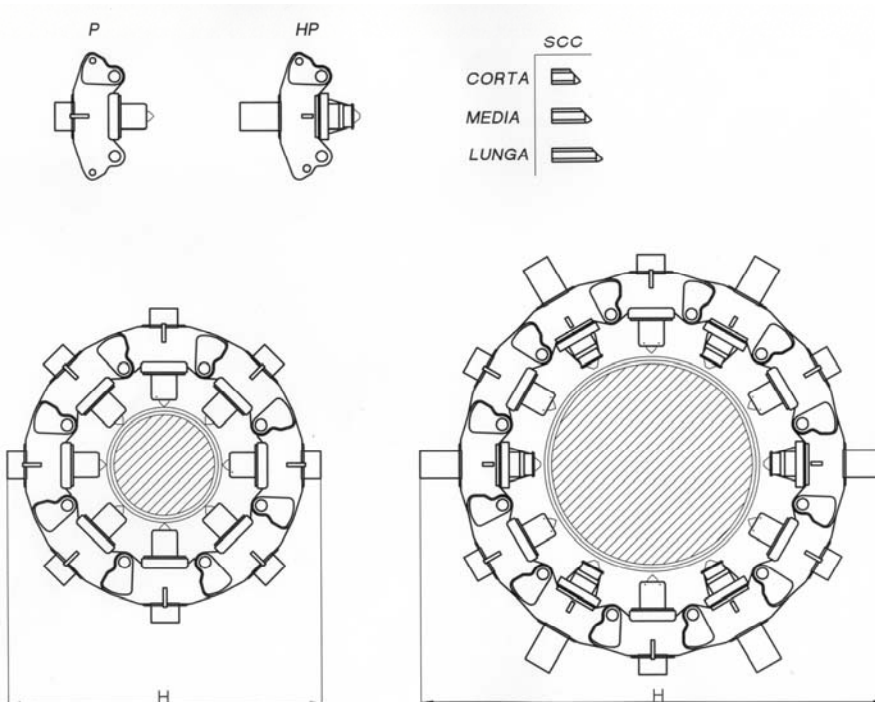


Pile Breakers round piles

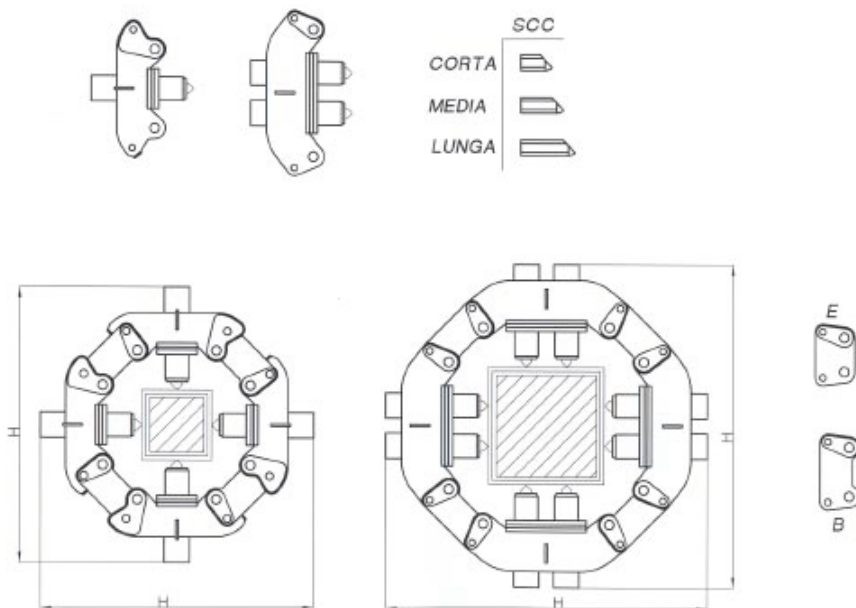


Technical bulletin

Diameter pile of breaker (mm) ± 10 mm		750 - 800	850	900	900 - 950	1000	1050	1100 - 1150	1200	1250	1250 - 1300	1350	1400	1450	1500	1550 - 1600	1650 - 1700	1750	1800
Excavator weight	(t)	20-25			20-25			25-30			25-30			30-35			30-35		
Number of elements	-----	8P	8P	8P	9P	9P	9P	10P	10P	10P	11 HP	11 HP	11 HP	12 HP	12 HP	12 HP	13 HP	13 HP	13 HP
Type of tips	-----	L	M	S	L	M	S	L	M	S	L	M	S	L	M	S	L	M	S
Tool weight	(kg)	2000			2250			2500			3100			3380			3665		
Force	(t)	496			558			620			682			744			806		
Hydraulic working pressure	(bar)	320-350			320-350			320-350			320-350			320-350			320-350		
Oil flow	(l/min)	200			225			250			275			300			325		
Time of closing at max oil flow	(s.)	7,42			7,42			7,42			7,42			9,1			10,81		
Time of opening at max oil flow	(s.)	4,12			4,12			4,12			4,12			5			6,01		
N° of cycles per minute at max oil flow	(c./min)	5,2			5,2			5,2			5,2			4,2			3,6		
Overall dimensions	(mm)	2185			2375			2560			2750			3230			3420		
Chisel cone-shaped tips	-----	SI			SI			SI			SI			SI			SI		

Chisel cone-shaped tips are available in 3 lengths above mentioned : short – medium – long.
 The noted performance have been achieved by the maximum pressure and capacity values.

Pile Breakers square piles

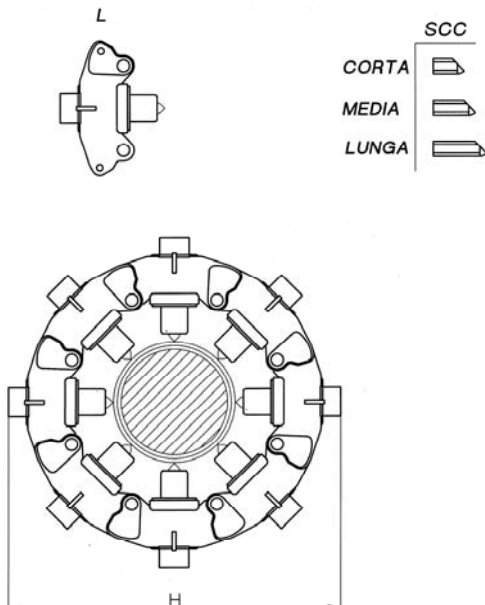


Technical bulletin

Diameter pile of breaker (mm) ± 10 mm		350 - 400	450	500	500 - 550	600	650	650 - 700	750	800
Excavator weight	(t)	10-15			10-15			15-20		
Number of elements	----	4L+4B	4L+4B	4L+4B	4D+4E	4D+4E	4D+4E	4D+4B	4D+4B	4D+4B
Type of tips	----	Long	Medium	Short	Long	Medium	Short	Long	Medium	Short
Tool weight	(kg)	800			1000			1100		
Force	(t)	160			320			320		
Hydraulic working pressure	(bar)	320-350			320-350			320-350		
Oil flow	(l/min.)	100			200			200		
Time of closing at max oil flow	(s.)	4,61			4,61			4,61		
Time of opening at max oil flow	(s.)	2,56			2,56			2,56		
N°of cycles per minute at max oil flow	(c/min)	8,4			8,4			8,4		
Overall dimensions	(mm)	1775			1950			2100		
Chisel cone-shaped tips	----	SI			SI			SI		

Chisel cone-shaped tips are available in 3 lengths above mentioned :short – medium – long.
 The noted performance have been achieved by the maximum pression and capacity values.

Pile Breakers round piles



Technical bulletin

Diameter pile of breaker (mm) ± 10 mm		350 (mm)	400 (mm)	450 (mm)	500 (mm)	550 (mm)	600 (mm)	650 (mm)	700 (mm)	750 (mm)
Excavator weight	(t)	10-15			10-15			15-20		
Number of elements	-----	6L	6L	6L	7L	7L	7L	8L	8L	8L
Type of tips	-----	Long	Medium	Short	Long	Medium	Short	Long	Medium	Short
Tool weight	(kg)	1000			1160			1330		
Force	(t)	240			280			320		
Hydraulic working pressure	(bar)	320-350			320-350			320-350		
Oil flow	(l/min.)	150			175			200		
Time of closing at max oil flow	(s.)	4,61			4,61			4,61		
Time of opening at max oil flow	(s.)	2,56			2,56			2,56		
N° of cycles per minute at max oil flow	(c/min)	8,4			8,4			8,4		
Overall dimensions	(mm)	1700			1900			2050		
Chisel cone-shaped tips	-----	SI			SI			SI		

Chisel cone-shaped tips are available in 3 lengths above mentioned :short – medium – long.
 The noted performance have been achieved by the maximum pression and capacity values.