

KRC

*DIAPHRAGM WALL EQUIPMENT
ATTREZZATURA PER DIAFRAMMI*





Casagrande started manufacturing equipment for diaphragm walls in 1963. Over the years it has developed a complete range of machines in order to satisfy all the contractor's requirements.

Requests for a special machine to excavate efficiently in medium hard to soft soils led to the development of the Kelly KRC2 HD and grab type K combination. This equipment guarantees superior productivity and makes control or verticality easy in the excavation of diaphragm wall panels and barrettes.

È dal 1963 che la Casagrande costruisce macchine per diaframmi: in questi anni ha sviluppato una gamma completa di attrezzature, tutte in grado di dare risposta a tutte le esigenze operative dei cantieri.

Le esperienze specifiche maturate nei lavori su terreni di bassa e media consistenza, hanno portato allo sviluppo di un'attrezzatura particolare, composta dal Kelly KRC2 HD e dalla benna idraulica K. È un'attrezzatura che garantisce un alto livello di produttività e facilita il controllo della verticalità di scavo.

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EXPERIENCE, PLUS, INNOVATION.

ESPERIENZA E INNOVAZIONE.



The KRC2 HD Kelly offer the following advantages:

- to get into tight corners a turntable enables the Kelly and the grab to be rotated through 45° or 180°;
- a service Jib can be fitted to the Kelly;
- easy transportation without dismounting;
- quick assembly without service crane.

Alcune caratteristiche di particolare rilevanza sono:

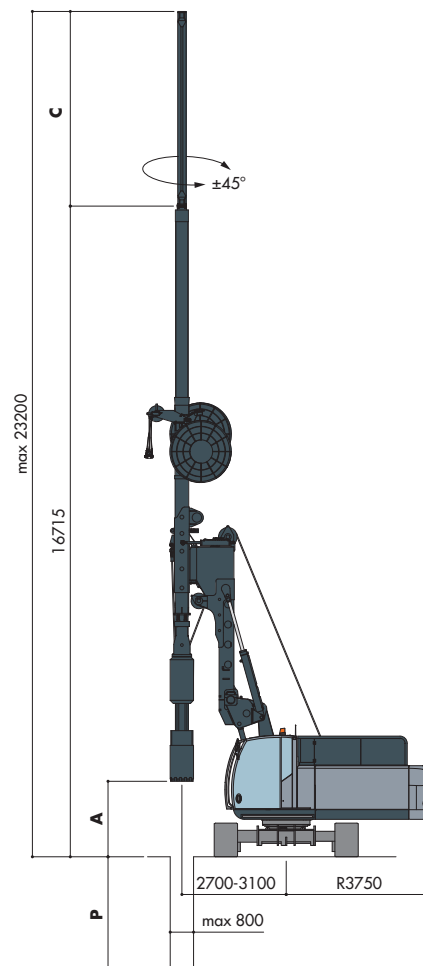
- ralla che consente la rotazione di 45° o 180°, particolarmente apprezzata negli spazi ristretti e negli angoli;
- possibilità di attrezzare il Kelly con un falchetto di servizio;
- facilità di trasporto senza smontaggio;
- montaggio veloce senza gru di servizio.

KRC 1 / B125 XP-2

	HYDRAULIC GRAB BENNA IDRAULICA	K2200	K2500
A	Height with closed jaws Altezza da terra a valve chiuse	2440	1940

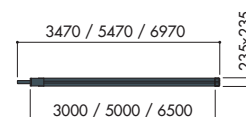
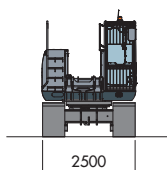
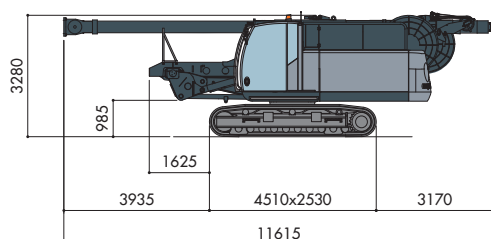
	C	P	P
KRC 1	Extension / Prolunga	(m)	(m)
	—	23	23,5
	5000	18	28,5
	6500	29,5	30

Weight of kelly bars / Peso aste ~4000 kg



TRANSPORT DIMENSIONS

DIMENSIONI DI TRASPORTO

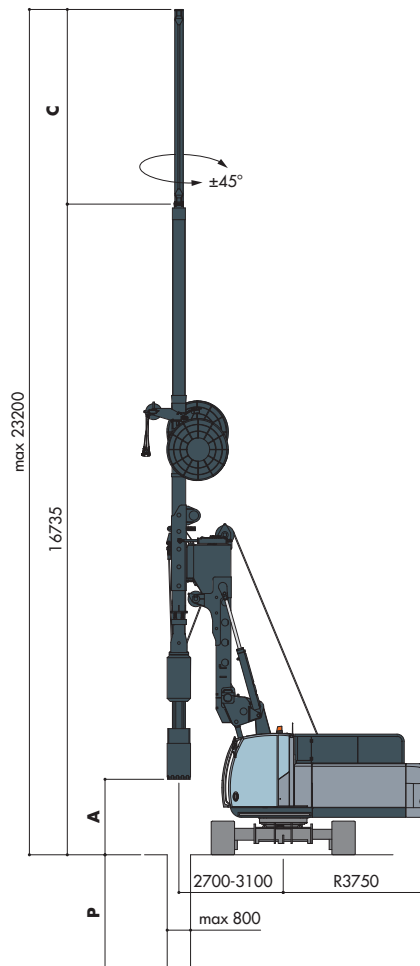


Weight / Peso ~ 35,6 t

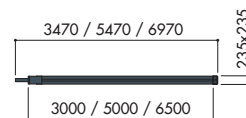
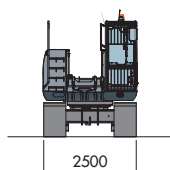
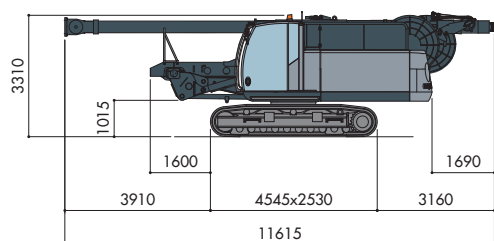
Weight / Peso ~ 360 / 490 / 650 kg

KRC 1 / B175 XP-2

HYDRAULIC GRAB BENNA IDRAULICA		K2200	K2500
A	Height with closed jaws Altezza da terra a valve chiuse	2460	1960
KRC 1	C	P	P
	Extension / Prolunga	(m)	(m)
	—	23	23,5
	5000	18	28,5
	6500	29,5	30
Weight of kelly bars / Peso aste ~4000 kg			



TRANSPORT DIMENSIONS DIMENSIONI DI TRASPORTO



Weight / Peso ~ 36,5 t

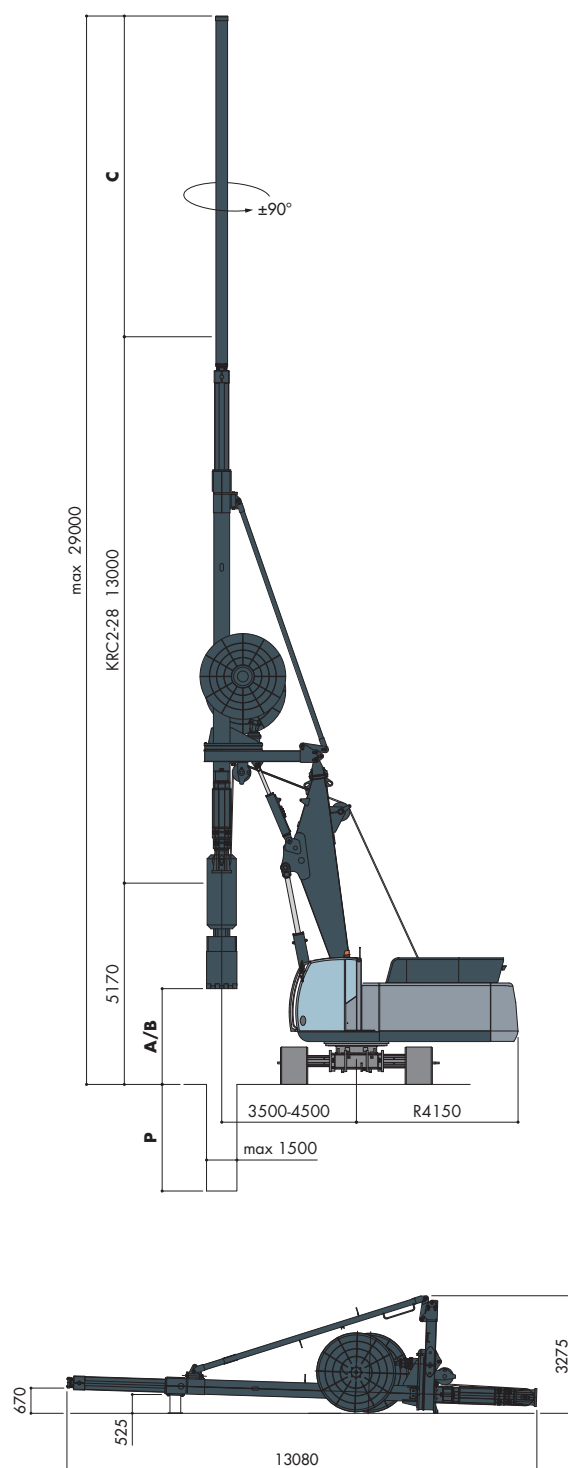
Weight / Peso ~ 360 / 490 / 650 kg

KRC 2 / B200 XP-2

HYDRAULIC GRAB BENNA IDRAULICA		K2200	K2500HD	K3000
A	Height with closed jaws Altezza da terra a valve chiuse	2460	1960	1460
	Spacer 1000 Distanziale 1000			
B	Height with closed jaws Altezza da terra a valve chiuse	1460	960	460

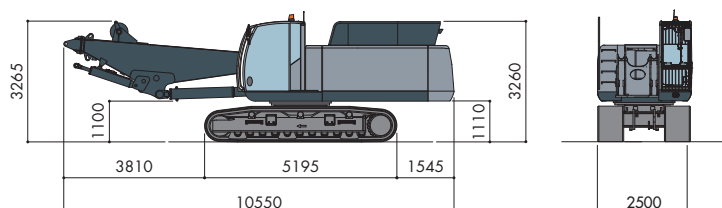
KRC 2-28	C	P	P	P
	Extension / Prolunga	(m)	(m)	(m)
	—	27,8	28	28,6
	2000	29,8	30	30,6
	5000	32,8	33	33,6
	7000	34,8	35	35,6
	9000	36,8	37	37,6

Weight of kelly bars / Peso aste ~6200 kg



TRANSPORT DIMENSIONS

DIMENSIONI DI TRASPORTO



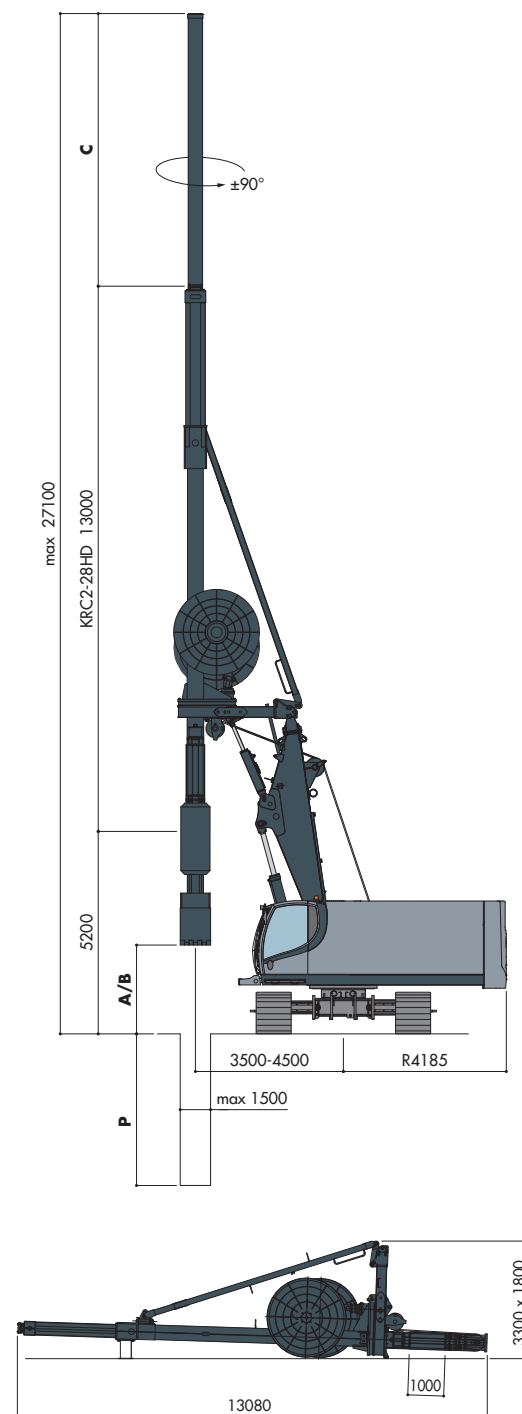
Weight / Peso ~ 46 t

Weight / Peso ~ 300 / 600 / 800 / 1000 kg

KRC 2 HD / B250 XP-2

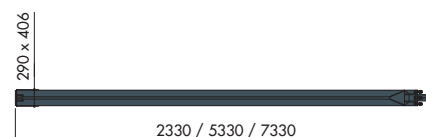
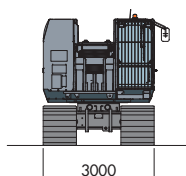
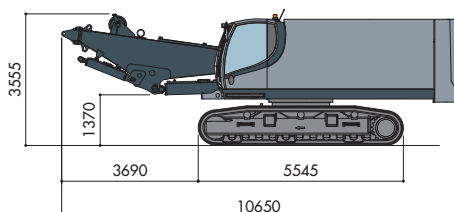
HYDRAULIC GRAB BENNA IDRAULICA		K2200HD	K2500HD	K3000HD
A	Height with closed jaws Altezza da terra a valve chiuse	3250	3000	2330
	Spacer 1000 Distanziale 1000			
B	Height with closed jaws Altezza da terra a valve chiuse	2250	2000	1330
KRC 2-28 HD	C	P	P	P
	Extension / Prolunga	(m)	(m)	(m)
	—	27,8	28	28,5
	2000	29,8	30	30,5
	5000	32,8	33	33,5
	7000	34,8	35	35,5

Weight of kelly bars / Peso aste ~7100 kg



Weight / Peso ~ 14,3 t

TRANSPORT DIMENSIONS DIMENSIONI DI TRASPORTO



Weight / Peso ~ 59,5 t

Weight / Peso ~ 300 / 600 / 800 kg

KRC 2 HD / B300 XP-2

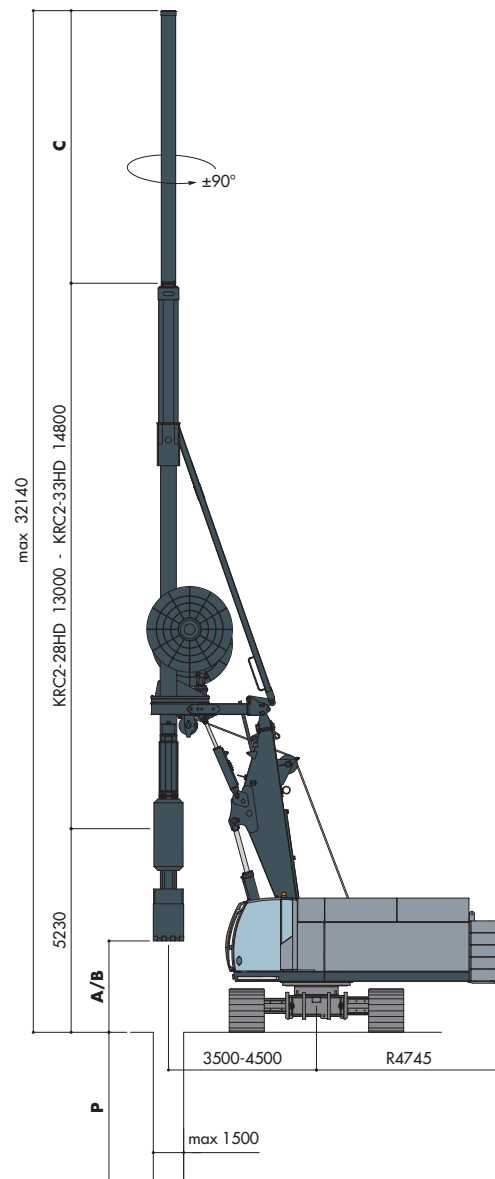
	HYDRAULIC GRAB BENNA IDRAULICA	K2200HD	K2500HD	K3000HD
A	Height with closed jaws Altezza da terra a valve chiuse	3280	3030	2360
	Spacer 1000 Distanziale 1000			
B	Height with closed jaws Altezza da terra a valve chiuse	2280	2030	1360

	C	P	P	P
KRC 2-28 HD	Extension / Prolunga	(m)	(m)	(m)
	—	27,8	28	28,6
	2000	29,8	30	30,6
	5000	32,8	33	33,6
	7000	34,8	35	35,6
	12000	39,8	40	40,6

Weight of kelly bars / Peso aste ~7100 kg

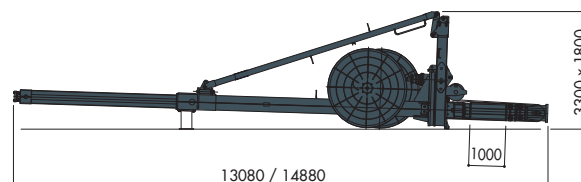
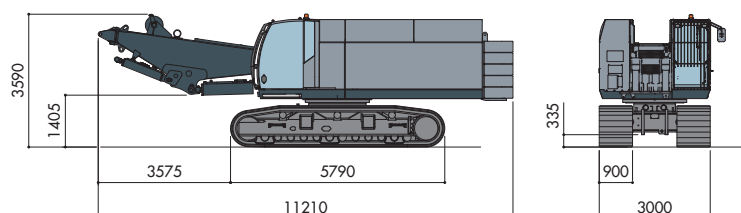
	C	P	P	P
KRC 2-33 HD	Extension / Prolunga	(m)	(m)	(m)
	—	32	33,4	34
	2000	35	35,4	36
	5000	38	38,4	39
	7000	40	40,4	41
	12000	45	45,4	46

Weight of kelly bars / Peso aste ~8200 kg



TRANSPORT DIMENSIONS

DIMENSIONI DI TRASPORTO



Weight / Peso ~ 14,3 / 15,4 t



Weight / Peso ~ 66 t

Weight / Peso ~ 300 / 600 / 800 / 1250 kg

KRC 2 HD / B360 XP-2

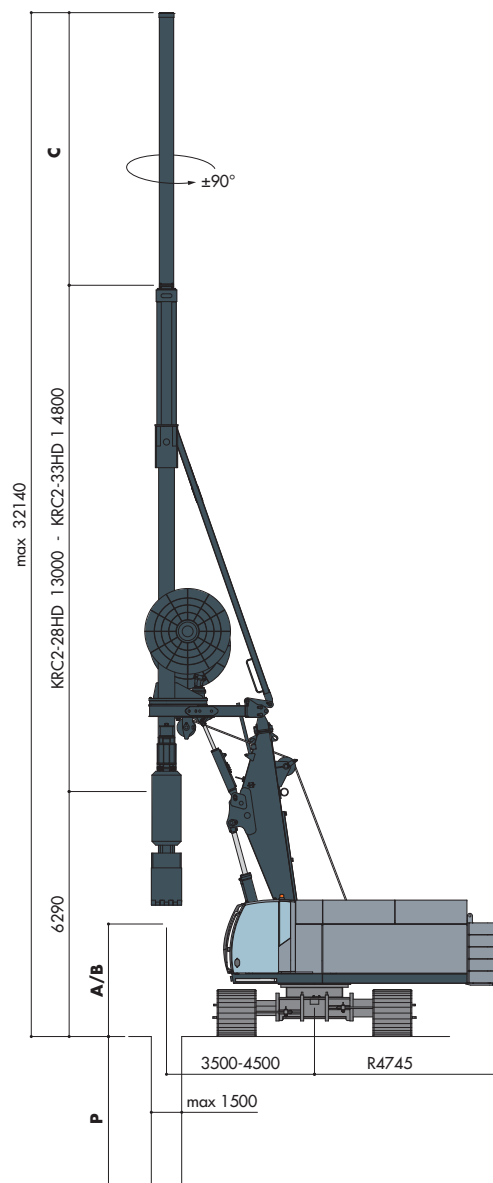
	HYDRAULIC GRAB BENNA IDRAULICA	K2200HD	K2500HD	K3000HD
A	Height with closed jaws Altezza da terra a valve chiuse	3280	3030	2360
	Spacer 1000 Distanziale 1000			
B	Height with closed jaws Altezza da terra a valve chiuse	2280	2030	1360

	C	P	P	P
KRC 2-28 HD	Extension / Prolunga	(m)	(m)	(m)
	—	27,8	28	28,6
	2000	29,8	30	30,6
	5000	32,8	33	33,6
	7000	34,8	35	35,6
	12000	39,8	40	40,6

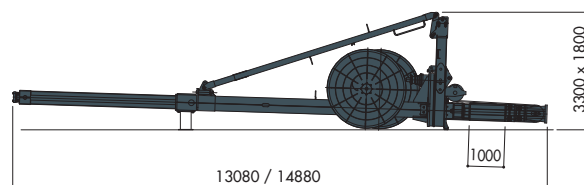
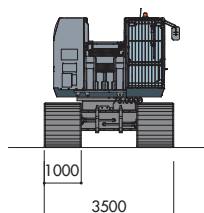
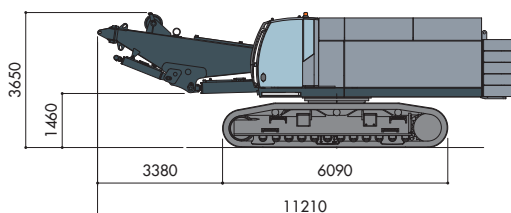
Weight of kelly bars / Peso aste ~7100 kg

	C	P	P	P
KRC 2-33 HD	Extension / Prolunga	(m)	(m)	(m)
	—	33,3	33,5	34
	2000	35,3	35,5	36
	5000	38,3	38,5	39
	7000	40,3	40,5	41
	12000	45,3	45,5	46

Weight of kelly bars / Peso aste ~8200 kg



TRANSPORT DIMENSIONS DIMENSIONI DI TRASPORTO



Weight / Peso ~ 14,3 / 15,4 t



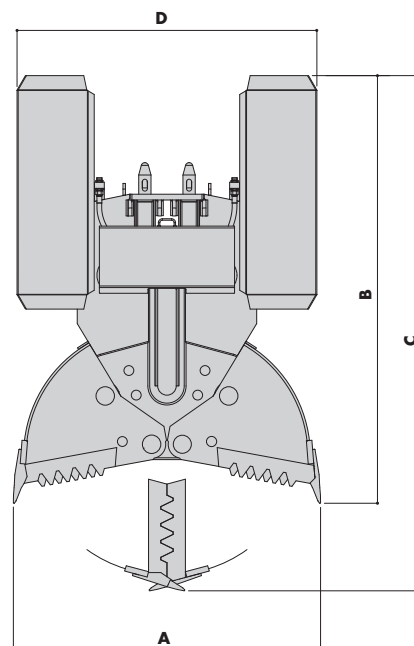
Weight / Peso ~ 79,5 t

Weight / Peso ~ 300 / 600 / 800 / 1250 kg

HYDRAULIC GRAB

BENNA IDRAULICA

Jaw opening Apertura valve	mm	A	2200	2500	3000
Height with open jaws Altezza valve aperte	mm	B	3000	3100	3500
Height with closed jaws Altezza valve chiuse	mm	C	3600	3800	4300
Width of guide Larghezza carenatura	mm	D	2000	2300	2750



K 2200												
Jaw width	Larghezza valve	mm	400*	500	600	700	800	900	1000	1100	1200	
Jaw weight	Peso valve	kg	690	750	830	1050	1130	1170	1380	1480	1600	
Capacity	Capacità	l	400	500	600	700	800	900	1000	1100	1200	
Grab weight	Peso benna	kg	2690	2750	2880	3150	3250	3350	3500	3650	3800	
Closing force	Spinta chiusura	t	120	120	120	120	120	120	120	120	120	
K 2500												
Jaw width	Larghezza valve	mm	400*	500	600	700	800	900	1000	1100	1200	
Jaw weight	Peso valve	kg	850	930	1040	1170	1300	1450	1620	1800	1950	
Capacity	Capacità	l	440	540	680	800	940	1000	1200	1300	1440	
Grab weight	Peso benna	kg	3100	3350	3500	3670	3850	4050	4250	4500	4700	
Closing force	Spinta chiusura	t	120	120	120	120	120	120	120	120	120	
K 3000												
Jaw width	Larghezza valve	mm	400*	500	600	700	800	900	1000	1100	1200	
Jaw weight	Peso valve	kg	1150	1300	1500	1700	1900	2150	2350	2550	2800	
Capacity	Capacità	l	800	975	1200	1380	1580	1780	1975	2170	2370	
Grab weight	Peso benna	kg	4100	4550	4820	5060	5300	5600	5800	6030	6300	
Closing force	Spinta chiusura	t	120	120	120	120	120	120	120	120	120	
K 2500 HD												
Jaw width	Larghezza valve	mm		600	700	800	900	1000	1100	1200	1500	
Jaw weight	Peso valve	kg		1250	1400	1560	1750	1950	2160	2340	2800	
Capacity	Capacità	l		680	800	940	1000	1200	1300	1440	1800	
Grab weight	Peso benna	kg		4200	4400	4600	4800	5100	5400	5600	6000	
Closing force	Spinta chiusura	t		180	180	180	180	180	180	180	180	
K 3000 HD												
Jaw width	Larghezza valve	mm				800	900	1000	1100	1200	1500	
Jaw weight	Peso valve	kg				2700	3000	3200	3450	3700	4300	
Capacity	Capacità	l				1580	1780	1975	2170	2370	2950	
Grab weight	Peso benna	kg				7500	7800	8000	8250	8500	9200	
Closing force	Spinta chiusura	t				180	180	180	180	180	180	

* With special kelly bars / Con aste speciali

Other dimensions on request / Disponibili su richiesta altre dimensioni





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