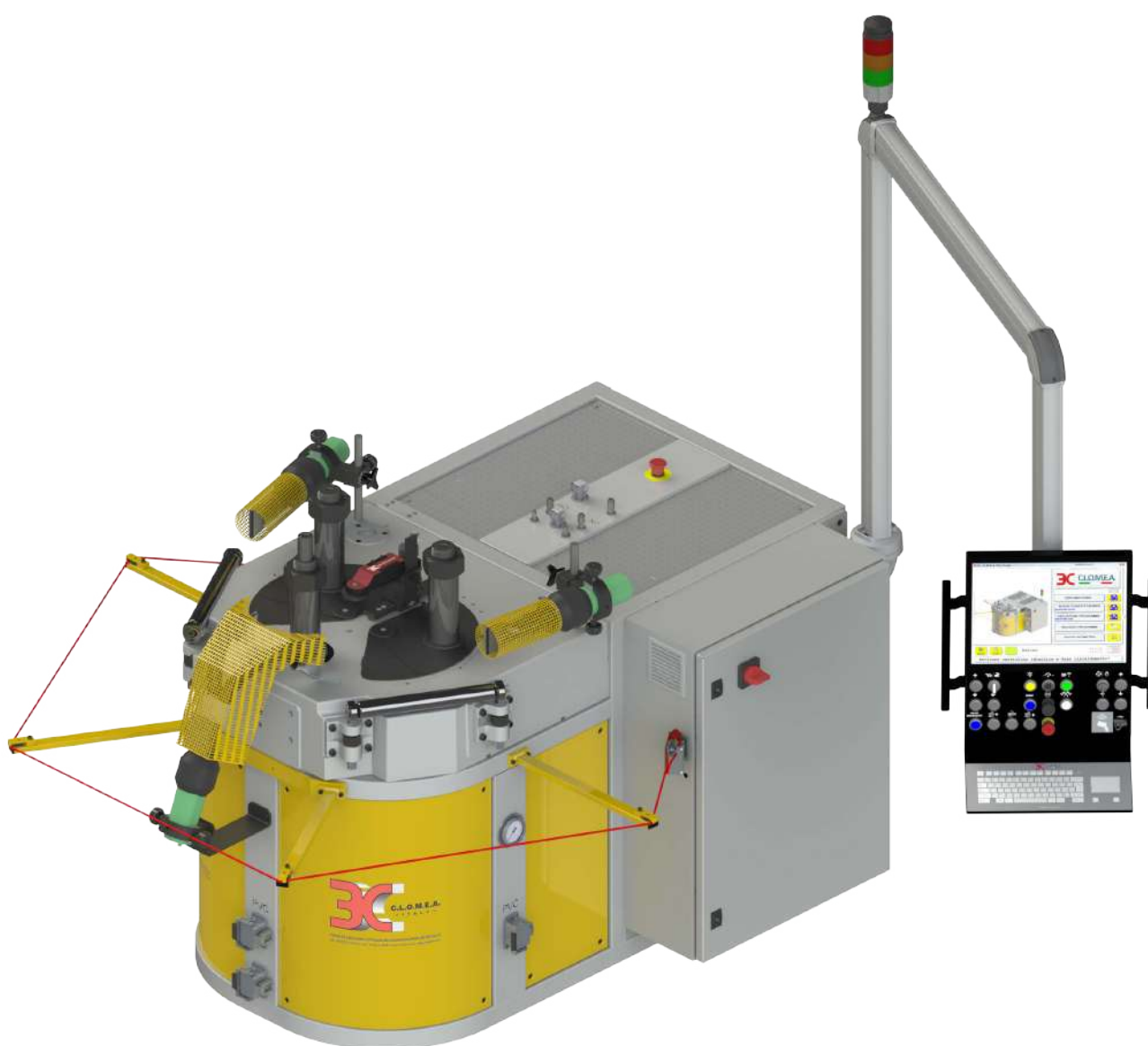


CURVATRICI BENDING MACHINES



OFFRIAMO QUALCOSA CHE NON TROVATE OVUNQUE: SOLUZIONI
WE OFFER SOMETHING YOU DON'T FIND EVERYWHERE: SOLUTIONS

CURVATRICI ORBITALI - ORBITAL BENDING MACHINES

BM70



Curvatrici idrauliche ad elevate prestazioni per profilati metallici e plastici.

Corpo macchina in ghisa, ingranaggi in acciaio temperato e tre alberi trascinanti in acciaio temperato e rettificato comandati da motoriduttore.

Per il modello BM40 gli alberi sono solo in acciaio.

L'incremento di curvatura è dato dal movimento dei due alberi laterali, azionati da cilindri idraulici.

Le macchine possono essere equipaggiate con diverse soluzioni di software e accessori, per consentire la migliore gestione della geometria da realizzare.

Il pannello di comando, installato su braccio portante, è alimentato in bassa tensione come da norme vigenti.



High-performance hydraulic bending machines for metal and plastic profiles.

Machine body in cast iron, gears in hardened steel and three ground tempered steel driving shafts, controlled by a gearmotor.

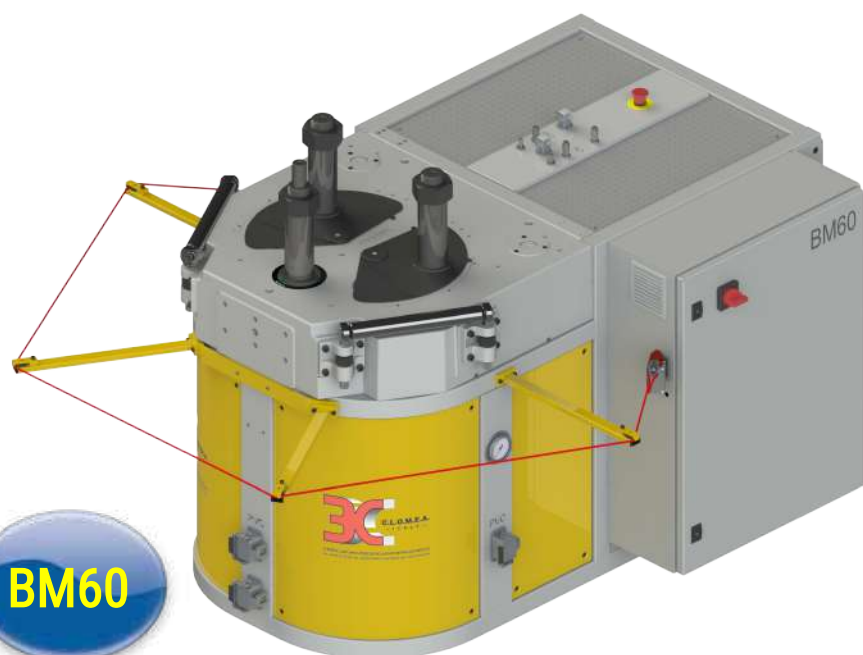
For the BM40 model, the shafts are not hardened/ground tempered.

The increment in curvature is given by the movement of the two side shafts, operated by hydraulic cylinders.

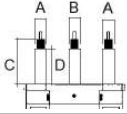
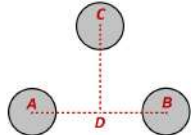
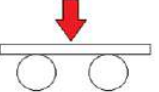
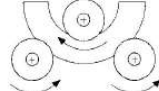
The machines can be equipped with different software solutions and with additional equipment, to consent the best management of the geometry to be made.

The control panel is installed on a support arm and is powered by low voltage in accordance with current regulations.

BM60

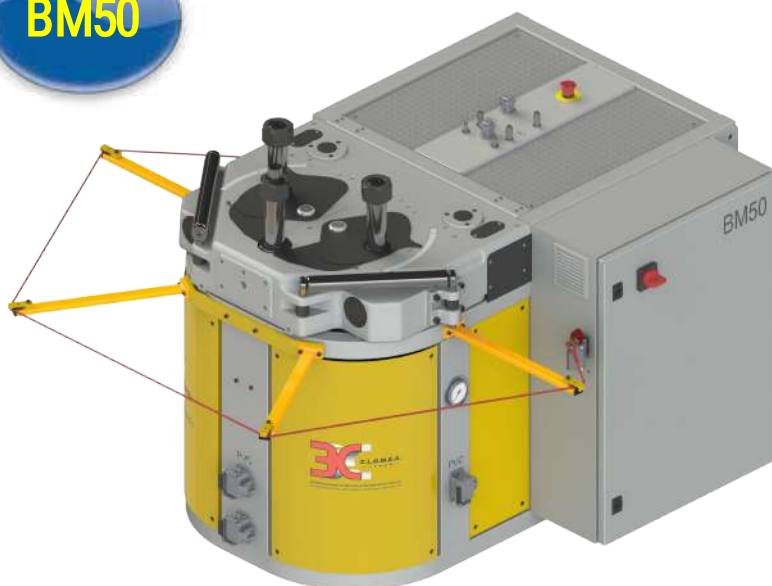


MATERIALE / MATERIAL Fe 430 / S275			BM40	BM50	BM60	BM70
1	Piatto di costa Flat Hard		mm 60x10	mm 70x10	mm 100x12	mm 100x18
2	Piatto di piatto Flat Easy		mm 100x15	mm 120x16	mm 150x25	mm 150x32
3	Quadro Pieno Square Bar		mm 30	mm 35	mm 50	mm 55
4	Tubo Quadro Square Tube		mm 50x2,5	mm 50x3	mm 70x4	mm 90x3
5	Tubo Rettangolare Rect. Tube, Hard		mm 60x30x3	mm 70x30x3	mm 80x40x4	mm 110x40x4
6	Tubo Rettangolare Rect. Tube, Easy		mm 70x30x3	mm 90x30x4	mm 120x40x5	mm 150x50x5
7	Tondo Pieno Round Bar		mm Ø35	mm Ø40	mm Ø60	mm Ø65
8	Tubo Tondo Round Tube		mm Ø60x3	mm Ø70x2	mm Ø100x3	mm Ø120x3
9	Tubo API API Pipes		Ø 1 1/2"	Ø 2"	Ø 2 1/2" XS-SCH80	Ø 3"
10	T Ala Tirata Tee Leg-out		mm 60x7	mm 60x8	mm 80x9	mm 100x11
11	T Ala Compressa Tee Leg-in		mm 50x6	mm 60x7	mm 70x8	mm 80x9
12	T Ala in Piano Tee Leg Easy		mm 70x5	mm 70x7	mm 90x9	mm 100x12
13	C Ali Tirate C Leg-out		mm 70x40x6	mm 80x45x8	mm 120x55x10	mm 140x60x12
14	C Ali Comprese C Leg-in		mm 60x30x6	mm 65x42x8	mm 120x50x10	mm 120x55x12
15	C di Costa C Hard Way		mm 50x25x5	mm 60x30x4	mm 70x40x6	mm 80x45x7
16	Angolare Ala Tirata Angle Leg-out		mm 60x5	mm 70x6	mm 80x8	mm 90x10
17	Angolare Ala Compressa Angle Leg-in		mm 50x6	mm 60x6	mm 70x7	mm 80x8
18	Travi IPE di Piatto I-Beam Easy Way		mm 80x46	mm 100x55	mm 120x64	mm 160x82
19	Travi IPE di Costa I-Beam Hard Way				mm 80x46	mm 80x46
20	Travi HEA di Piatto H-Beam Easy Way					mm 100x96
21	Travi HEA di costa H-Beam Hard Way					

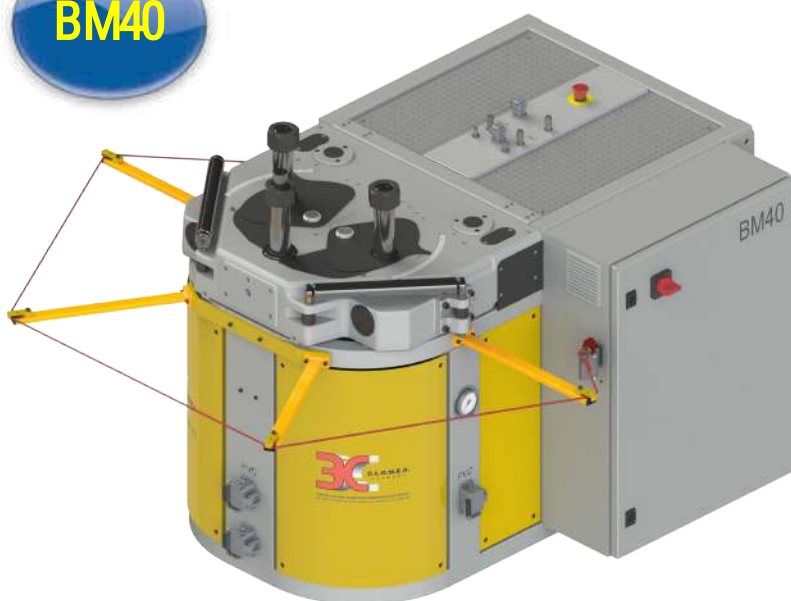
MODEL	BM70	BM60	BM50	BM40
DIMENSIONS (cm) AND WEIGHT (kg)	170x190x225 (h) 1120		170x180x225 (h) 630	
	A, B = Ø mm 70 C = mm 240 D = mm 175	A, B = Ø mm 60 C = mm 200 D = mm 150	A, B = Ø mm 50 C = mm 180 D = mm 130	A, B = Ø mm 40 C = mm 145 D = mm 110
SHAFT DISTANCE 	AB = 360 mm CD = 260 mm		AB = 350 mm CD = 215 mm	
BENDING FORCE 	19 t W max (cm ³) 27 / 35	16 t W max (cm ³) 22 / 28	14,50 t W max (cm ³) 8 / 12	11 t W max (cm ³) 6,5 / 8
	SUPPLY V = 400 Hz 50/60			
	POWER(total) kW 8 A = 19	POWER (total) kW 6 A = 14		POWER(total) kW 5,5 A = 12
ROTATION SPEED (rpm) 	SL33 /23 /12 = 0,7 - 10 (IM) SL33 /23 /12 = 3,3 - 6,1 SL11 /09 = 6,1		SL33 /23 /12 = 0,9 - 15 (IM) SL33 /23 /12 = 4,7 - 9,5 SL11 /09 = 9,5	SL33 /23 /12 = 1 - 15,6 (IM) SL33 /23 /12 = 4,9 - 9,8 SL11 /09 = 9,8



BM50



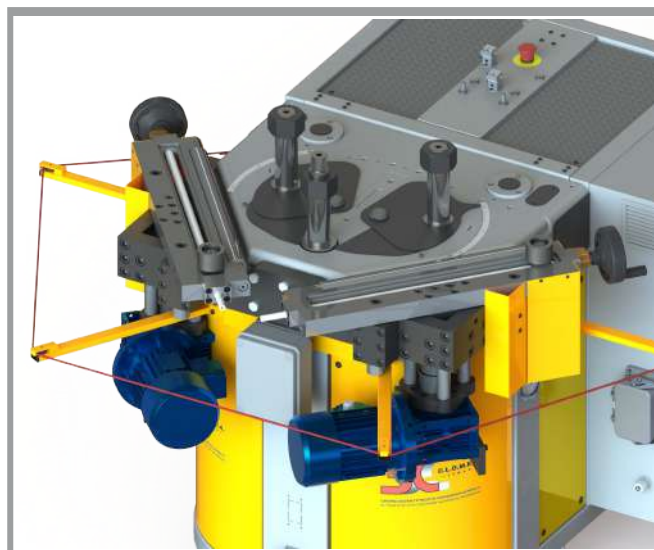
BM40



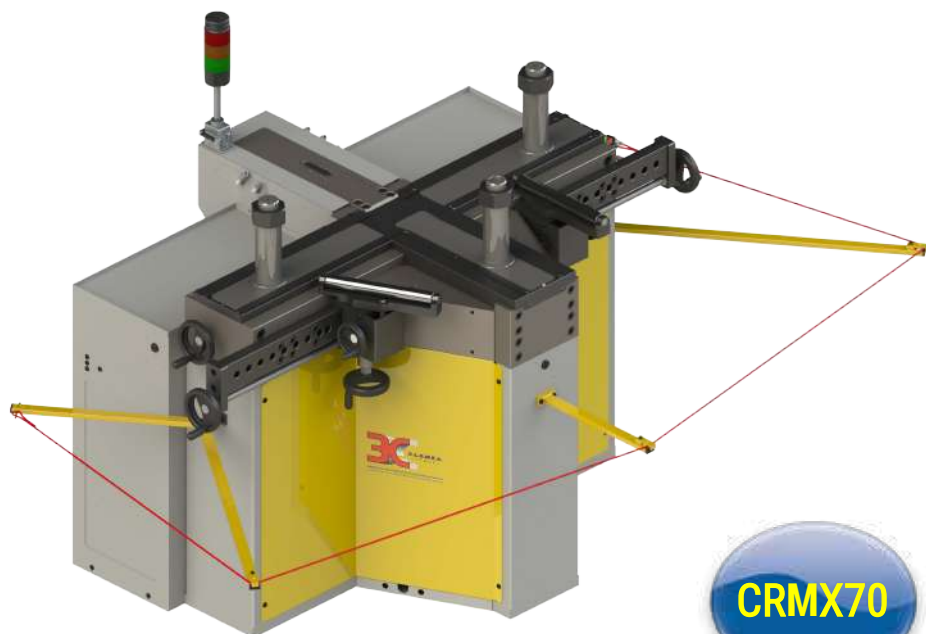
IT - Kit attrezzatura rulli raddrizzatori elettromeccanici ad azionamento manuale visualizzato, con movimento su 2 assi anche contemporaneo con il rullo curvatore.

AT0036

EN - Kit of manually operated electromechanical straightening rollers with displayed operation and movement on 2 axes, also simultaneous with the bending roller.



CURVATRICI PIRAMIDALI - PYRAMIDAL BENDING MACHINES



Curvatrice idraulica ad elevate prestazioni per profilati metallici.

Corpo macchina in acciaio S355 ad elevato spessore che garantisce grande rigidità, tre alberi trascinatori in acciaio temperato rettificato montati su cuscinetti conici e comandati da tre motori elettrici indipendenti e riduttori epicicloidali ad elevata efficienza.

Gli alberi inferiori con interasse regolabile in cinque posizioni rendono la macchina estremamente versatile, consentendole di adattarsi al meglio alla struttura del profilato minimizzando qualsiasi tipo di deformazione.

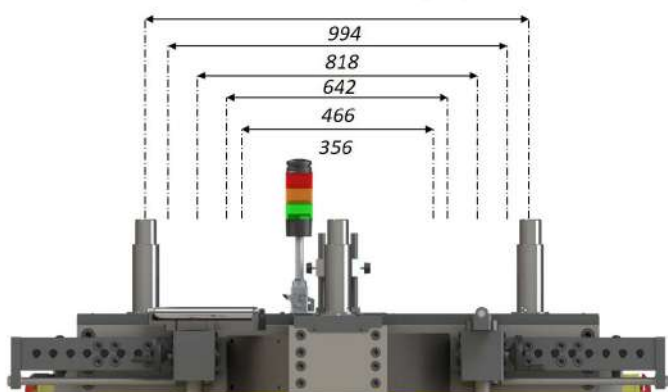
L'incremento di curvatura è dato dal movimento dell'albero centrale, azionato da un cilindro idraulico.

La macchina può essere equipaggiata con diverse soluzioni di controllo e accessori, per consentire la migliore gestione della geometria da realizzare.

Il pannello di comando, installato su consolle munita di ruote e separata dalla macchina, è alimentato in bassa tensione come da norme vigenti.

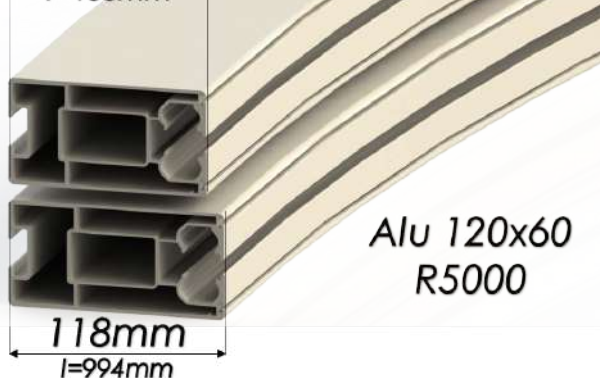
CRMX70

DISTANZA / DISTANCE (mm)



DISTANZA TRA GLI ALBERI LATERALI REGOLABILE
ADJUSTABLE DISTANCE BETWEEN THE SIDE SHAFTS

113mm
l=466mm



Alu 120x60
R5000



High performance hydraulic bending machine for metal profiles.

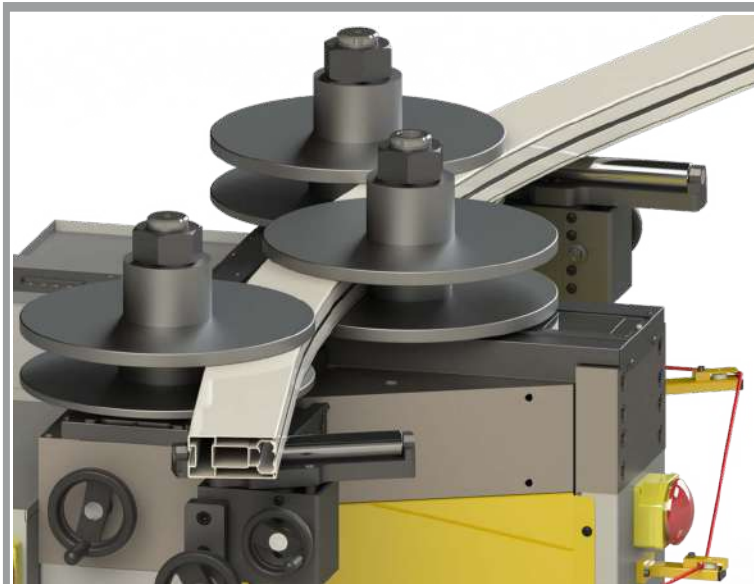
Machine body in high-thickness S355 steel for great rigidity, three ground tempered steel driving shafts operated by three independent electric motors and high-efficiency planetary gearboxes.

The lower shafts with centre-to-centre distance adjustable in five positions make the machine extremely versatile, allowing it to better adapt to the profile structure and minimizing whatever kind of deformation.

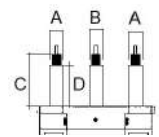
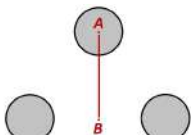
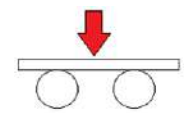
The increment in curvature is given by the movement of the central shaft, operated by a hydraulic cylinder.

The machine can be equipped with a range of control solutions and accessories, to consent the best management of the geometry to be made.

The control panel, installed on a wheeled console separate from the machine, is powered by low voltage as per the regulations in force.



MATERIALE / MATERIAL Fe 430 / S275			MACCHINA / MACHINE CRMX70
1	Piatto di costa Flat Hard		mm 90x30
2	Piatto di piatto Flat Easy		mm 100x50
3	Quadro Pieno Square Bar		mm 65
4	Tubo Quadro Square Tube		mm 80x6,5
5	Tubo Rettangolare Rect. Tube, Hard		mm 110x45x6
6	Tubo Rettangolare Rect. Tube, Easy		mm 135x55x8
7	Tondo Pieno Round Bar		mm Ø75
8	Tubo Tondo Round Tube		mm Ø140x3
9	Tubo API API Pipes		Ø3 1/2"
10	T Ala Tirata Tee Leg-out		mm 140x140x8
11	T Ala Compressa Tee Leg-in		mm 140x140x8
12	T Ala in Piano Tee Leg Easy		mm 130x130x15
13	C Ali Tirate C Leg-out		mm 140x80x14
14	C Ali Compresse C Leg-in		mm 140x80x14
15	C di Costa C Hard Way		mm 80x60x10
16	Angolare Ala Tirata Angle Leg-out		mm 120x120x12
17	Angolare Ala Compressa Angle Leg-in		mm 120x120x12
18	Travi IPE di Piatto I-Beam Easy Way		mm 140x73
19	Travi IPE di Costa I-Beam Hard Way		mm 100x55
20	Travi HEA di Piatto H-Beam Easy Way		mm 120x114
21	Travi HEA di costa H-Beam Hard Way		

MODEL	CRMX70
DIMENSIONS (cm) AND WEIGHT (kg)	250x170x155 (h) 1200
	A, B = Ø mm 70 C = mm 240 D = mm 175
SHAFT DISTANCE	AB = 350 mm
	
BENDING FORCE	19 t W max (cm ³) 44 / 50
	
	POWER(total) kW7 SUPPLY V = 400 Hz 50/60 A = 17
ROTATION SPEED (rpm)	SL33 /23 /12: 0,6 - 10,4 (IM) SL33 /23 /12: 3,2 - 6,4 SL11 /09: 6,4
