

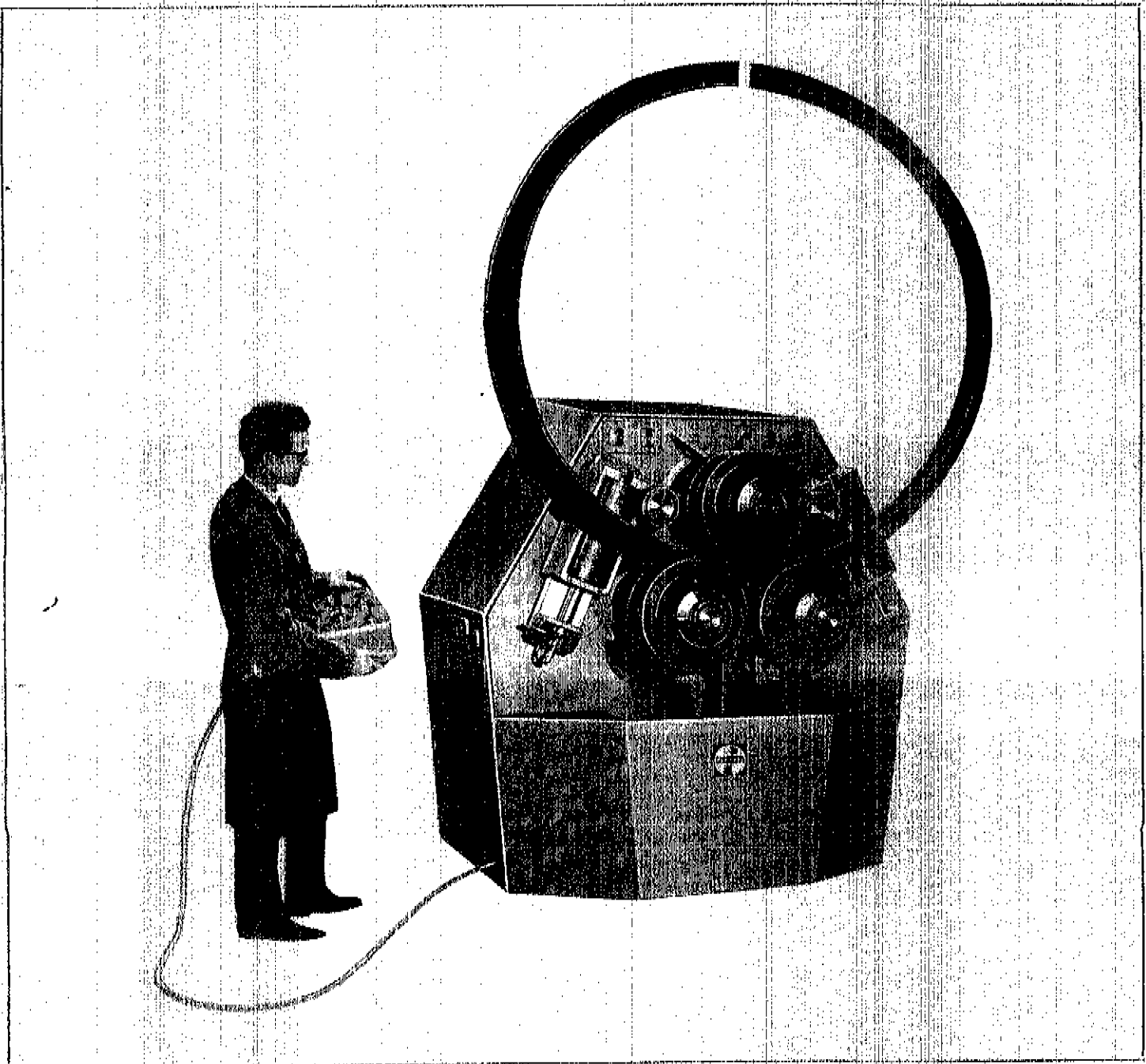
**Ringbockningsmaskin**  
**Ring Rolling Machine**  
**Ringbiegemaschine**  
**Cintreuse**  
**Curvadora de perfiles**

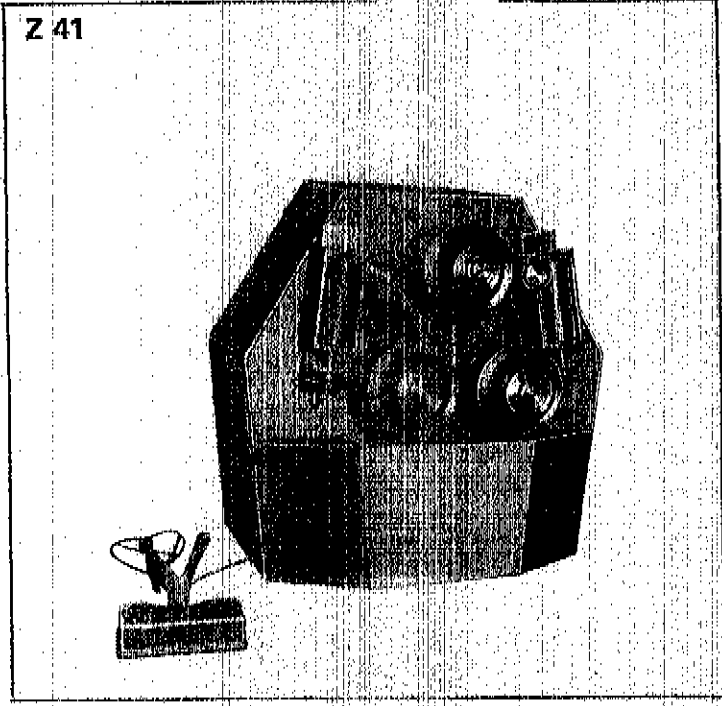
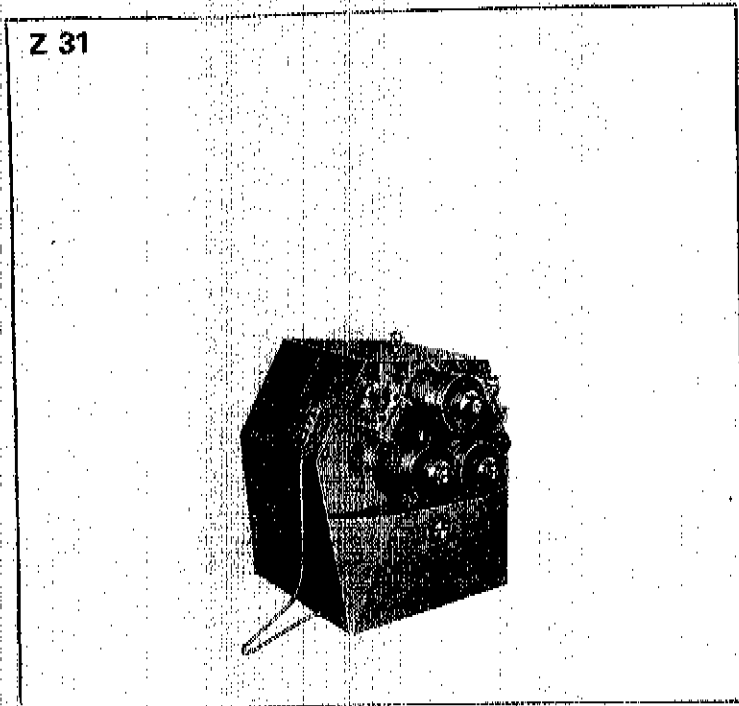
416  
426

941/422

**PULLMAX**

<b>Z31</b>	<b>Z41</b>
<b>Z51</b>	<b>Z61</b>





Profil Section Profilé Perfil	Z 31				Z 41			
			Min. diameter <sup>1)</sup> Min. Durchmesser <sup>1)</sup> Diamètre min. <sup>1)</sup> Diámetro min. <sup>1)</sup>				Min. diameter <sup>1)</sup> Min. Durchmesser <sup>1)</sup> Diamètre min. <sup>1)</sup> Diámetro min. <sup>1)</sup>	
	Max Min	75 × 75 × 10 30 × 30 × 4	Ø 700 Ø 350	3" × 3" × 3/8" 1" × 1" × 1/4"	Ø 28" Ø 14"	130 × 130 × 12 40 × 40 × 5	Ø 1300 Ø 450	5" × 5" × 1/2" 1 3/4" × 1 1/4" × 1"
	Max Min	65 × 65 × 11 30 × 30 × 4	Ø 1000 Ø 350	2 1/2" × 2 1/2" × 7/16" 1" × 1" × 1/4"	Ø 40" Ø 14"	120 × 120 × 13 40 × 40 × 5	Ø 1600 Ø 450	4" × 4" × 1/2" 1 1/4" × 1 1/4" × 1"
	Max Min	80 × 80 × 9 20 × 20 × 3	Ø 580 Ø 350	4" × 3" × 3/8" 1 1/2" × 1 1/2" × 1/4"	Ø 28" Ø 14"	120 × 120 × 10 40 × 40 × 5	Ø 1200 Ø 450	ST 5 WF 30 ST 3 B
	Max Min	80 × 80 × 9 20 × 20 × 3	Ø 860 Ø 350	4" × 3" × 3/8" 1 1/2" × 1 1/2" × 1/4"	Ø 28" Ø 14"	120 × 120 × 13 40 × 40 × 5	Ø 1500 Ø 450	ST 5 WF 30 ST 3 B
	Max Min	75 × 15 20 × 4	Ø 500 Ø 350	3" × 7/16" 1" × 1/4"	Ø 20" Ø 14"	125 × 20 40 × 6	Ø 1300 Ø 450	6" × 3/4" 1 1/4" × 1/4"
	Max Min	120 × 25 40 × 10	Ø 400 Ø 350	5" × 1" 2" × 3/8"	Ø 16" Ø 14"	200 × 40 60 × 10	Ø 800 Ø 450	8" × 1 1/2" 2" × 1/2"
	Max Min	45 × 45 20 × 20	Ø 400 Ø 300	1 3/4" × 1 1/4" 7/8" × 7/8"	Ø 16" Ø 12"	65 × 65 30 × 30	Ø 800 Ø 450	2 3/4" × 2 3/4" 1" × 1"
	Max Min	Ø 50 Ø 20	Ø 400 Ø 300	Ø 2" Ø 7/8"	Ø 16" Ø 12"	Ø 80 Ø 30	Ø 800 Ø 450	Ø 3" Ø 1"
	Max Min	W = 16 dy Ø 20	Ø 12 × dy Ø 300	Z = 0.95 dy Ø 7/8"	Ø 12 × dy Ø 12"	W = 66 dy Ø 30	Ø 12 × dy Ø 450	Ø 4" dy Ø 1"
	Max Min	IPE 140 IPE 80	Ø 1000 Ø 500	5" × 3" 3" × 2"	Ø 40" Ø 24"	IPE 240 IPE 80	Ø 1800 Ø 450	8" × 5 1/2" 4 M
	Max Min	- -	- -	- -	- -	- -	- -	- -
	Max Min	INP 140 INP 80	Ø 1000 Ø 600	5" × 3" 3" × 2"	Ø 40" Ø 24"	INP 240 INP 80	Ø 1800 Ø 450	10" × 4" 3" × 2 1/2"
	Max Min	- -	- -	- -	- -	INP 120 INP 80	Ø 1500 Ø 600	4" × 2 1/2" 3" × 2 1/2"
	Max Min	UNP 140 UNP 30	Ø 800 Ø 450	4" × 2" 3" × 1 1/2"	Ø 32" Ø 18"	UNP 240 UNP 50	Ø 1800 Ø 500	10" × 2 1/2" 3" × 1 1/2"
	Max Min	UNP 140 UNP 30	Ø 800 Ø 450	4" × 2" 3" × 1 1/2"	Ø 32" Ø 18"	UNP 240 UNP 50	Ø 1800 Ø 500	10" × 2 1/2" 3" × 1 1/2"
	Min Max	- -	- -	- -	- -	UNP 100 UNP 40	Ø 3500 Ø 1800	5" × 1 1/4" 3" × 1 1/2"
<sup>a)</sup>	cm <sup>3</sup> in <sup>3</sup>	W = 16 cm <sup>3</sup>		W = 0.95 in <sup>3</sup>		W = 66 cm <sup>3</sup>		W = 3.2 in <sup>3</sup>

1) Invändig böckningsdiametern vid en passago genom maskinen. Köres material ett flertal gånger kan mindre diameter uppnås.  
 1) Inner bending diameter in one single pass through the machine. If the material is run a number of passes smaller diameter can be obtained.  
 1) Diamètre de courbure intérieur en une passe. En faisant plusieurs passes on peut obtenir des diamètres plus petits.  
 1) Diámetro de curvado interior que se obtiene en una pasada por la máquina. Al pasar el material varias veces se pueden obtener radios menores.

# PULLMAX AB

P. O. BOX · GÖTEBORG 1 · SWEDEN

PULLMAX BELONGS TO THE GRÄNGESBERG GROUP

	Z 31	Z 41	Z 51	Z 61
Ansluten motoreffekt, HK	7.5	16	45	62
Valsvarvtal, r/min	8.5	6	0-5	0-5
Matningshastighet, m/min	6.5	4	0-8	0-10
Presskraft, kp	11000	21000	35000	55000
Total höjd, mm	1250	1900	1800	1900
Total bredd, mm	1120	1725	2300	2930
Total längd, mm	1000	1500	2800	3290
Vikt, kg	1710	4500	12000	22000
Connected motor power, HP	7.5	16	45	62
Speed of bending rolls, rpm	8.5	6	0-5	0-5
Feeding per minute	21' 4"	13'	0-26' 2"	0-32' 10"
Bending force, lbs	24200	46300	77100	121100
Total height, inch	49 1/4"	75"	70 7/8"	75"
Total width, inch	44 1/8"	67 3/8"	90 7/8"	115 1/16"
Total length, inch	39 3/8"	59"	110 1/2"	129 1/2"
Weight, lbs	3770	9900	26500	48500
Angeschlossene Motorleistung, PS	7.5	16	45	62
Rollendrehzahl, U/min	8.5	6	0-5	0-5
Vorschubgeschwindigkeit, m/min	6.5	4	0-8	0-10
Pressdruck, kp	11000	21000	35000	55000
Totale Höhe, mm	1250	1900	1800	1900
Totale Breite, mm	1120	1725	2300	2930
Totale Länge, mm	1000	1500	2800	3290
Gewicht, kg	1710	4500	12000	22000
Capacité totale des moteurs, CV	7.5	16	45	62
Vitesse des rouleaux, t/min	8.5	6	0-5	0-5
Vitesse de l'avancement, m/min	6.5	4	0-8	0-10
Puissance de pression, kg	11000	21000	35000	55000
Hauteur, mm	1250	1900	1800	1900
Largeur, mm	1120	1725	2300	2930
Longeur, mm	1000	1500	2800	3290
Poids net, kg	1710	4500	12000	22000
Suma de fuerzas de los motores, HP	7.5	16	45	62
Número de rotaciones, r/min	8.5	6	0-5	0-5
Velocidad de alimentación, m/min	6.5	4	0-8	0-10
Fuerza de curvado, kp	11000	21000	35000	55000
Altura total, mm	1250	1900	1800	1900
Ancho total, mm	1120	1725	2300	2930
Largo total, mm	1000	1500	2800	3290
Peso, kgs	1710	4500	12000	22000