

MULTI-CROSS ROLL

TUBE STRAIGHTENING MACHINES



Series 6.CR.8

CAPACITY:
for tubes $\frac{7}{8}$ " to 5" diameter
22 to 125 mm diameter
ALL 6 ROLLS DRIVEN

Available with single speed, two speed, three speed and variable speed drive

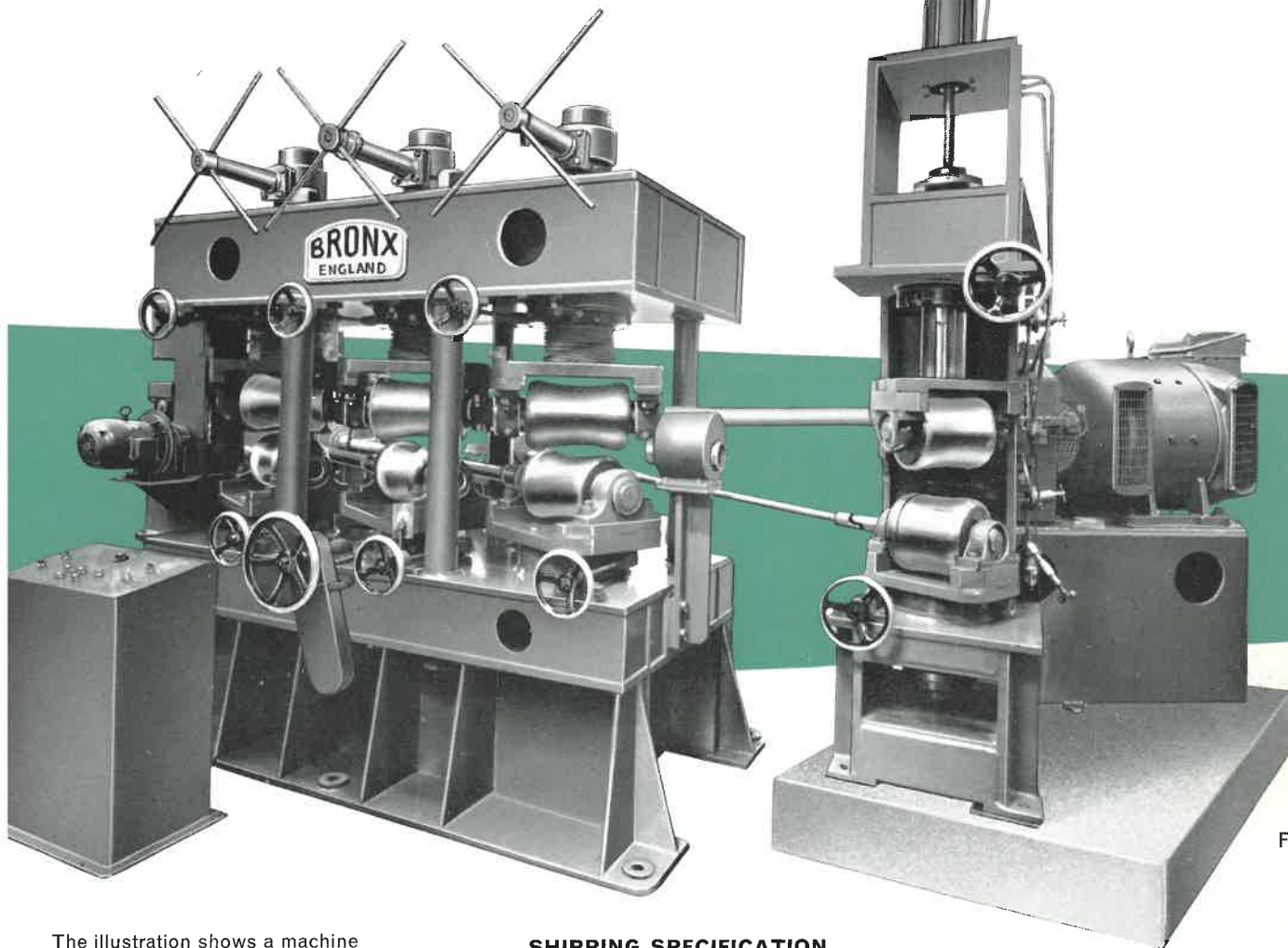


Fig. 15

The illustration shows a machine with cross feeder rolls and discharge rolls

SHIPPING SPECIFICATION

	nett weight		gross weight	
1 case 9' 6" x 5' 8" x 5' 10"	9,650 lbs	4.343 kg	10,800 lbs	4.860 kg
1 case 8' 6" x 5' 0" x 5' 2"	9,800 lbs	4.410 kg	10,500 lbs	4.725 kg
1 case 5' 8" x 5' 0" x 5' 6"	5,600 lbs	2.520 kg	6,150 lbs	2.768 kg
1 case 5' 8" x 5' 0" x 5' 6"	4,910 lbs	2.210 kg	5,475 lbs	2.464 kg
1 case 4' 0" x 2' 9" x 7' 9"	2,010 lbs	905 kg	2,680 lbs	1.206 kg
1 case 8' 4" x 4' 0" x 1' 2"	620 lbs	279 kg	775 lbs	349 kg
Total	32,590 lbs	14,667 kg	36,380 lbs	16,372 kg

For Straightening Speeds and Specification see page 22

THE BRONX ENGINEERING CO. LTD., LYE, WORCESTERSHIRE, ENGLAND.



TUBE STRAIGHTENING MACHINES

SERIES 6.CR. ALL ROLLS DRIVEN

TECHNICAL DATA

Series	Capacity	Maximum wall thickness *	Maximum diameter admitted **	Nominal Operating Speeds		Two Motors, each	Nett Weight	
				Feet per minute	Metres per min.		lbs	kg
6.CR.1	$\frac{1}{32}$ " - $\frac{3}{16}$ " 0,8 - 8 mm	$\frac{1}{16}$ " 1,6 mm	$\frac{5}{16}$ " 8 mm	60	18	$\frac{1}{4}$ H.P.	300	135
6.CR.1 $\frac{1}{2}$	$\frac{1}{8}$ " - $\frac{1}{2}$ " 3 - 13 mm	$\frac{3}{32}$ " 2,4 mm	$\frac{1}{4}$ " 13 mm	{ Single speed 120 Two speed 200 & 100 Three speed 200, 133 & 100 Variable speed 300 - 75	36 60 & 30 60, 40 & 30 90 - 22,5	1 H.P. 1.5/1.75 H.P. 1.5/1.75 H.P. 1.5 - .375 H.P.	760	342
6.CR.2	$\frac{3}{16}$ " - $\frac{5}{8}$ " 5 - 16 mm	$\frac{3}{32}$ " 2,4 mm	$\frac{3}{4}$ " 20 mm	{ 120 200 & 100 200, 133 & 100 300 - 75	36 60 & 30 60, 40 & 30 90 - 22,5	2 H.P. 2/1 H.P. 2/1.33/1 H.P. 2 - .5 H.P.	1,300	585
6.CR.2 $\frac{1}{2}$	$\frac{1}{4}$ " - $\frac{7}{8}$ " 6 - 22 mm	$\frac{1}{8}$ " 3,2 mm	$1\frac{1}{8}$ " 28 mm	{ 200 300 & 150 300, 200 & 150 360 - 90	60 90 & 45 90, 60 & 45 108 - 27	3 H.P. 3/1.5 H.P. 3/2/1.5 H.P. 3 - .75 H.P.	3,360	1.512
6.CR.3	$\frac{1}{2}$ " - $1\frac{1}{4}$ " 6 - 32 mm	$\frac{5}{32}$ " 4 mm	$1\frac{3}{8}$ " 35 mm	{ 200 300 & 150 300, 200 & 150 360 - 90	60 90 & 45 90, 60 & 45 108 - 27	3 H.P. 4/2 H.P. 4/2.67/2 H.P. 4 - 1 H.P.	4,370	1.967
6.CR.4	$\frac{3}{8}$ " - $1\frac{1}{2}$ " 10 - 40 mm	$\frac{3}{16}$ " 5 mm	$1\frac{3}{4}$ " 45 mm	{ 250 400 & 200 400, 267 & 200 600 - 150	75 120 & 60 120, 80 & 60 180 - 45	5 H.P. 6/3 H.P. 6/4/3 H.P. 6 - 1.5 H.P.	6,260	2.845
6.CR.5	$\frac{1}{2}$ " - 2" 13 - 50 mm	$\frac{3}{16}$ " 5 mm	$2\frac{1}{2}$ " 65 mm	{ 250 400 & 200 400, 267 & 200 600 - 150	75 120 & 60 120, 80 & 60 180 - 45	8 H.P. 10/5 H.P. 10/6.67/5 H.P. 10 - 2.5 H.P.	12,050	5.335
6.CR.6	$\frac{1}{2}$ " - 2 $\frac{1}{2}$ " 13 - 65 mm	$\frac{1}{4}$ " 6 mm	3" 75 mm	{ 250 400 & 200 400, 267 & 200 600 - 150	75 120 & 60 120, 80 & 60 180 - 45	12 H.P. 15/7.5 H.P. 15/10/7.5 H.P. 15 - 3.75 H.P.	20,000	9.000
6.CR.7	$\frac{5}{8}$ " - 3 $\frac{1}{2}$ " 16 - 90 mm	$\frac{5}{16}$ " 8 mm	4" 100 mm	{ 200 400 - 200 400, 267 & 200 600 - 150	60 120 & 60 120, 80 & 60 180 - 45	25 H.P. 30/15 H.P. 30/20/15 H.P. 30 - 7.5 H.P.	23,060	10.380
6.CR.8	$\frac{7}{8}$" - 5" 22 - 125 mm	$\frac{3}{8}$" 9,5 mm	$5\frac{1}{2}$" 140 mm	{ 150 300 & 150 300, 200 & 150 500 - 125	45 90 & 45 90, 60 & 45 150 - 37,5	30 H.P. 40/20 H.P. 40/26.7/20 H.P. 40 - 10 H.P.	32,590	14.667
6.CR.9	$1\frac{1}{2}$ " - 7" 40 - 175 mm	$\frac{7}{16}$ " 11 mm	$7\frac{3}{4}$ " 195 mm	{ 150 200 & 100 200, 133 & 100 300 - 75	45 60 & 30 60, 40 & 30 90 - 22,5	40 H.P. 50/25 H.P. 50/33.3/25 H.P. 50 - 12.5 H.P.	49,175	22.130
6.CR.10	$2\frac{1}{4}$ " - 9" 57 - 230 mm	$\frac{5}{8}$ " 16 mm	10" 250 mm	{ 100 200 & 100 200, 133 & 100 300 - 75	30 60 & 30 60, 40 & 30 90 - 22,5	45 H.P. 60/30 H.P. 60/40/30 H.P. 60 - 15 H.P.	85,000	38.250
6.CR.11	3" - 12" 75 - 300 mm	$\frac{3}{4}$ " 19 mm	$13\frac{1}{2}$ " 340 mm	{ 80 160 & 80 160, 107 & 80 300 - 75	24 48 & 24 48, 32 & 24 90 - 22,5	50 H.P. 70/35 H.P. 70/46.7/35 H.P. 70 - 17.5 H.P.	105,300	47.385
6.CR.12	$4\frac{1}{2}$ " - 16" 115 - 405 mm	1" 25 mm	$17\frac{1}{2}$ " 445 mm	{ Single speed 80 Variable speed 240 - 60	24 72 - 18	70 H.P. 100 - 25 H.P.	175,800	79.110

* These figures are given for material having a tensile strength of 28 tons per square inch (45 kg/mm²). Corresponding figures for other materials are available on request.

** On these diameters, the greatest wall thicknesses allowed will generally be below those given in the previous column; exact details available on request.

We reserve the right to alter the above specifications.