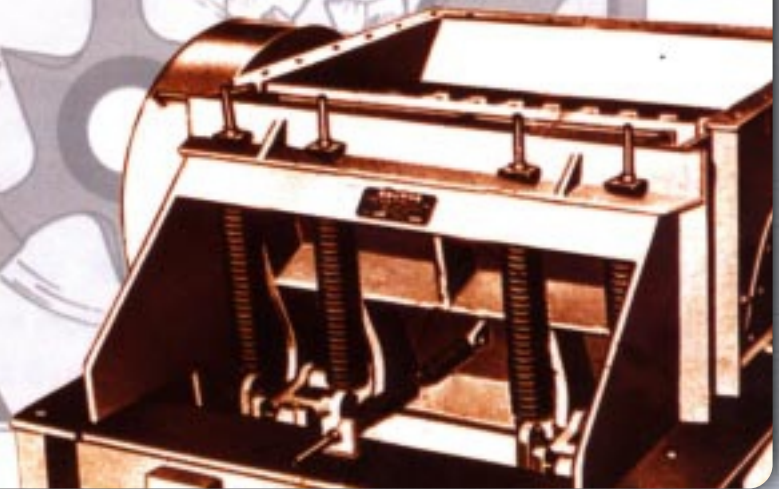


SINGLE ROLL CRUSHER

Type E 1100 L/S with V-belt drive and counter shaft



Single Roll Crusher - Type E 1100 L/S

I Range of application:

Single Roll Crusher in heavy-duty construction is an excellent primary breaker for soft and medium hard materials such as ROM coal, phosphate stone, gypsum, limestone, salt, shale slag, etc.

I Method of Operation :

Crushing takes place in a wedge shaped crushing area between the adjustable breaker plate and a rotating toothed rotor. The gap between the breaker plate and the rotor can be adjusted to control the product size.

The tooth profile of the crushing rotor depends on the desired product size. The rotor is driven by V belt and counter shaft through a gear and pinion. Speed of the rotor depends on application.

I Type of construction :

The construction of the single roll crusher has the following characteristics:

I Rotor :

Toothed crushing rings made of wear-resistant cast steel are mounted on a fabricated rotor which itself is supported on amply dimensioned forged steel shaft and spherical roller bearings. The rings are held together tie bolts which run through & through and secured by nuts.

The bearings are protected against ingress of dust by grease lubricated labyrinths.

I Breaker plate :

Fabricated out of MS Plate and provided with replaceable liners. The breaker plate is held in the housing by a hinged shaft in the upper part of the housing. The breaker plate is supported against threaded spindle with spring support which enables pretensioning of the spring for required crushing power as well as to serve as safety against uncrushable material. The threaded spindle can be adjusted for required gap setting.

I Housing :

Heavy ribbed fabricated housing with large openings for inspection of rolls is provided.

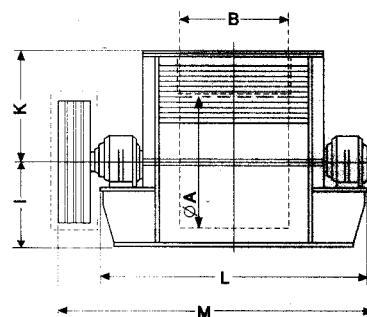
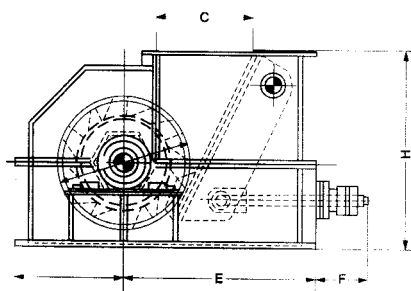
I Drive unit :

Machine is driven by a motor of adequate power through V belt, counter shaft and gear & pinion.

I Method of feeding :

The crusher should be fed across the entire width of the rotor with a regulated feed by a suitable feeder. There should be sufficient height of fall from the edge of the feeder to the crusher rotor for optimum results.

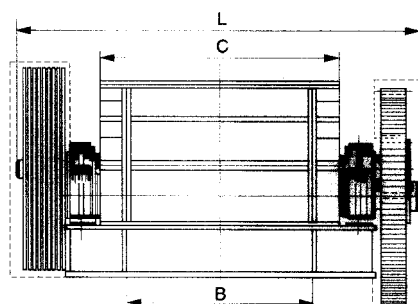
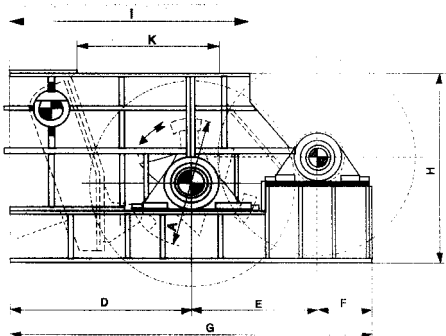
Technical Data for 1100 L



I Table for type E 1100 L

Size	A rolls	B	C	D	E	F	H	I	K	L	M	W eight kg
1180/80	800	800	450	550	850	250	1000	450	550	1380	1850	5000
1180/120	800	1200	450	550	850	250	1000	450	550	1780	2250	7200
1180/160	800	1600	450	550	850	250	1000	450	550	2180	2650	10000
1110/80	1000	800	550	650	950	250	1200	550	650	1390	1860	8300
1110/120	1000	1200	550	650	950	250	1200	550	650	1790	2260	10200
1110/160	1000	1600	550	650	950	250	1200	550	650	2190	2660	12000
1110/200	1000	2000	550	650	950	250	1200	550	650	2590	3060	13800

Technical Data for E 1100 S



I Table for type E 1100 S

Size	A rolls	B	C	D	E	F	G	H	I	K	L	W eight kg
1112/120	1200	1200	1700	1610	1045	485	3140	1850	2150	1250	3000	20000
1112/150	1200	1500	2000	1610	1045	485	3140	1850	2150	1250	3375	22600
1112/180	1200	1800	2300	1610	1045	485	3140	1850	2150	1250	3750	25500
1112/220	1200	2200	2700	1610	1045	485	3140	1850	2150	1250	4300	28500
1116/150	1600	1500	2100	1750	1060	570	3380	2150	2400	1500	3750	33000
1116/180	1600	1800	2400	1750	1060	570	3380	2150	2400	1500	4125	38000
1116/210	1600	2100	2700	1750	1060	570	3380	2150	2400	1500	4500	42800
1116/240	1600	2400	3000	1750	1060	570	3380	2150	2400	1500	4875	47500
1116/280	1600	2800	3400	1750	1060	570	3380	2150	2400	1500	5300	53000

All data concerning dimensions and ratings must be considered approximate. Modifications reserved.

National Branches :

Ahmedabad

Tel: +91 79 26406683/26406684/26406685
 Fax: +91 79 2640 1363
 Email : salesahd@elecon.com

Bangalore

Tel: +91 80-25290082, 25250219, 25252925
 Fax: +91 80-25251834
 Email : salesbgl@elecon.com

Bilaspur

Tel: +91 7752 247723 / 247625
 Fax: +91 7752 247720
 Email : salesbil@elecon.com

Chennai

Tel: +91 44 24349237/24349497/24322455
 Fax: +91 44 2434 9643
 Email : saleschn@elecon.com

Indore

Tele Fax: + 91 731 257 6100
 Email : salesindr@elecon.com

Kolkata

Tel: +91 33 2476 1861 / 2476 0876
 Fax: +91 33 2476 1831
 Email : saleskol@elecon.com

Madurai

Tel: +91 4549 293488
 Email : salesmadu@elecon.com

Nagpur

Tel: +91 712 6642600 / 6642 601
 Fax: +91 712 6642 622
 Email : salesnag@elecon.com

Mumbai

Tel: +91 22 22821315/22820725/22821365
 Fax: +91 22 2287 0791
 Email : salesbom@elecon.com

New Delhi

Tel: +91 11 2341 4340 / 2341 4341
 Fax: +91 11 2370 9046
 Email : salesdel@elecon.com

Pune

Tel: +91 20 4019 1400
 Fax: +91 20 4019 1411
 Email : salespune@elecon.com

Raipur

Tele Fax: +91 771 2259 321 /23/24/30
 Email : salesrai@elecon.com

Hyderabad

Tele Fax: +91 40 64561199
 Email : salessec@elecon.com

Vadodara

Tel: +91 265 2313 670
 Tele Fax: 91 265 2312 972 / 2312 980
 Email : salesvad@elecon.com

Vallabh Vidyanagar

Tel. +91 02692-231125 / 227559/227549/ 227560
 E mail : salesvvn@elecon.com

Service Center:

Elecon Engg. Co. Ltd.

Plot No.77,GIDC Mithrohar,
 Gandhidham, Kutch, Gujarat - 370 201
 Mo.: +91 82003 42047
 Email: drsuthar@elecon.com

Elecon Engg. Co. Ltd.

S.F.No.44/3, Madurai Road,
 T Kunnathur Village, Peraiyur Taluk,
 Madurai, Tamilnadu - 625708
 Mo.: +91 99406 37009
 Email: pramchandran@elecon.com

International Network:

MIDDLE EAST :

ELECON MIDDLE EAST FZCO, Dubai

Phone : +97 146 091 424, +97 146 091 425
 Fax : +97 146 091 426
 E-mail : salesme@elecon.com

FAR EAST :

ELECON SINGAPORE PTE. LTD.

Phone : +65 622 782 58
 Fax : +65 622 789 42
 E-mail : salesap@elecon.com

radicon

AUSTRALIA

Radicon Transmission
 (Australia) Pty. Ltd.
 Tel: +61 488 054 028
 Fax: +61 295 213 522
 salesap@elecon.com
 www.radicon.com

UNITED KINGDOM

Radicon Transmission UK LTD.
 Tel: +44 (0)1484 465800
 Fax: +44 (0)1484 465801
 sales@radicon.com
 www.radicon.com

THAILAND

Radicon Transmission Thailand Ltd.
 Tel : +66 38 459 044
 Fax: +66 38 213 655
 salesap@elecon.com
 www.radicon.com

UNITED STATES OF AMERICA

RADICON USA
 Tel. 1-847-593-9910
 Fax. :1-847-593-9950
 salesusa@radicon.com
 www.radicon.com

MIDDLE EAST

Radicon Transmission FZE
 Tel: + 97165527950
 Fax: + 97165527951
 radicon@eim.ae
 www.radicon.com

benzlers

SWEDEN

AB Benzlers
 Tel: + 46 42 18 68 00
 Fax: + 46 42 21 88 03
 info@benzlers.com
 www.benzlers.com

FINLAND

O.Y. Benzler AB
 Tel: +358 9 340 1716
 Fax: +358 10 296 2072
 info@benzlers.com
 www.benzlers.com

NETHERLANDS

Benzler-TBA BV
 Tel : +31 077 324 5900
 Fax: +31 077 324 5901
 mail@benzlers.com
 www.benzlers.com

DENMARK

Benzler Transmission A/S
 Tel: +45 36 34 0300
 info@benzlers.com
 www.benzlers.com

GERMANY

Benzler Antriebstechnik
 GmbH
 Tel: +49 0800 350 4000
 Fax: +49 0800 350 4001
 mail@benzlers.com
 www.benzlers.com

radicon

with you at every turn

benzlers

with you at every turn

Manufactured by:

ELECON ENGINEERING CO. LTD.

Post Box # 6, Anand - Sojitra Road, Vallabh Vidyanagar - 388 120, Gujarat, INDIA

Tele.: +91 2692 237016 / 236 521 / 236 590 **Fax:** +91 2692 227 020 **E-mail:** infomhe@elecon.com

Website: www.elecon.com | **CIN:** L29100GJ1960PLC001082



For information
and enquiry