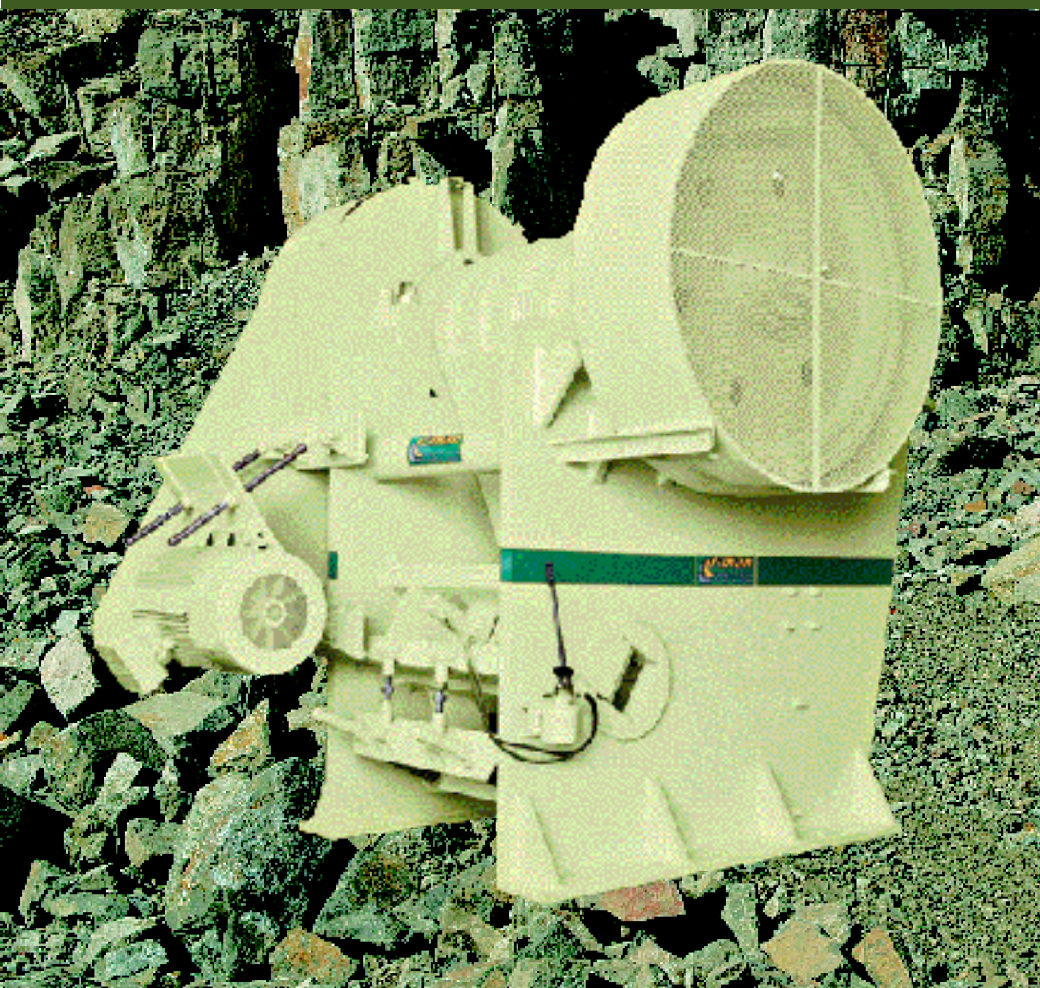


Triman
Jaw
crusher

TMM



TMM JAW CRUSHER

When handling hard or very hard materials, rugged and reliable equipment is needed. TRIMAN has developed a full range of TMM jaw crushers that can adapt to the most challenging applications.

Our machinery operates at 22°ba angles between jaws and with a long chamber to confer extra strength and efficiency with all types of materials.

CONSTRUCTION

FIXED FRAME

Mechanically welded structure stabilized with certified quality steel members, made up of a support base, side fairing, bearing box supports, fixed jaw and pivot support.

The jaw displacement equipment has reinforced side hatches for supplementing the fixed pivot piece. The jaw support base is equipped with members with a hardness of 300 HB that are mechanized to assure a correct settling.

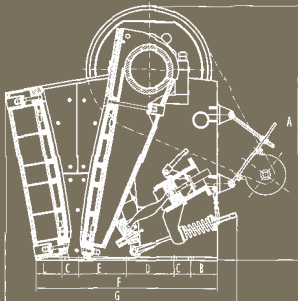
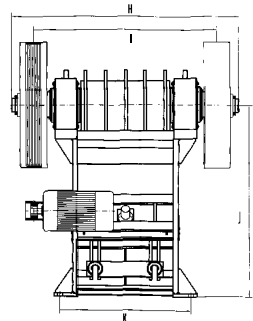
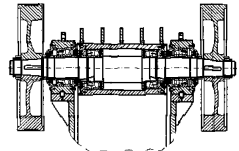
MOVABLE JAW

Mechanically welded and stabilized rolled steel that is quality certified. Jaw support base with members with a hardness of 300 HB and mechanized to assure a correct settling.

Bearings support tube made of cast steel and aligned after finishing and stabilizing the piece.

AXLE

Forged F-125 steel, in compliance with DIN-2311, thick section, lathed with numeric control and equipped with drill holes for connecting the hydraulic equipment for the extraction of the bearings. Double opening at each end for mounting crankshaft.



BEARINGS

Spherical double-row roller type, self-aligning and with exterior bearings mounted on dismountable housings to simplify servicing. The bearings are grease-lubricated and are protected by labyrinth seals to protect from dust.

FLYWHEEL

Very heavy cast steel to reduce vibrations and maintain a uniform force for a continuous output and reduce force points in the transmission and motor.

JOINT MECHANISM

- Two bushings made of F-125 steel, in compliance with DIN-2311, mechanized and induction-treated at the support zones of the joint plate.
- Joint plate made of F-125 treated steel, stabilized and mechanized in the contact zones.
- Tensors with springs that insure the proper coupling of the joint plate with the pivot piece.

HYDRAULIC EQUIPMENT

Made up of hydraulic pump and cylinder for the regulation of the movable jaw.

MACHINE	TMM 830	TMM 1100	TMM 1200	TMM 1300	TMM 1400	TMM 1600	TMM 800	TMM 2000	TMM 2200	TMM-1130 TRACK	TMM-1300 TRACK
50 mm avec 12% refus m ²	30-55									55-80	
70 mm avec 12% refus m ²	45-65									85-100	
90 mm avec 12% refus m ²	55-75	80-100	90-110							105-120	110-140
120 mm avec 12% refus m ²	65-85	120-160	130-175	180-220	200-240					125-140	140-160
140 mm avec 12% refus m ²	75-95	140-180	155-200	200-260	220-275	250-340	280-380			135-150	155-175
160 mm avec 12% refus m ²	85-105	160-200	175-220	240-280	270-310	300-400	300-450	400-500	450-550	140-150	160-180
200 mm avec 12% refus m ²		200-250	220-275	280-340	310-375	320-500	340-560	450-600	500-660		165-185
250 mm avec 12% refus m ²				320-440	350-480	360-650	400-750	660-850	660-940		170-190
300 mm avec 12% refus m ²						400-750	440-750	700-1000	800-1200		

* Production quantities depend on the size of the material, therefore these numbers are orientative

MACHINE	TMM 830	TMM 1100	TMM 1200	TMM 1300	TMM 1400	TMM 1600	TMM 800	TMM 2000	TMM 2200	TMM-1130 TRACK	TMM-1300 TRACK
Input size	830x660	1100x880	1200x880	1300x1045	1400x1045	1600x1285	1800x1285	2000x1500	2200x1500	1130x630	1300x850
Machines total weight	15.000 kg.	33.000 kg.	36.000 kg.	52.000 kg.	56.000 kg.	97.000 kg.	105.000 kg.	140.000 kg.	148.000 kg.	17.000 kg.	29.000 kg.
Rotation speed	300 rp.m.	225 rp.m.	225 rp.m.	200 rp.m.	200 rp.m.	170 rp.m.	170 rp.m.	165 rp.m.	165 rp.m.	225 rp.m.	230 rp.m.
Motor power	55 Kw	90 Kw	110 Kw	160 Kw	200 Kw	250 Kw	250 Kw	315 Kw	315 Kw	75 Kw	132 Kw
A	2.325	3.291	3.291	3.868	3.868	4.880	4.880	5.714	5.714	2.524	3.006
B	150	300	300	400	400	392	392	460	460	130	200
C	250	280	280	250	250	300	300	350	350	250	210
D	500	600	600	730	730	1.050	1.050	1.230	1.230	372	730
E	400	490	490	730	730	1.050	1.050	1.230	1.230	372	730
F	1.750	2.360	2.360	2.760	2.760	3.485	3.485	4.080	4.080	1.460	2.280
G	2.200	2.996	2.996	3.532	3.532	4.786	4.786	5.607	5.607	2.170	3.015
H	2.120	2.690	2.790	3.350	3.450	4.260	4.460	4.900	5.100	2.464	2.910
I	1.760	2.249	2.349	2.690	2.790	3.460	3.660	4.150	4.250	2.118	2.480
J	1.740	2.468	2.468	2.910	2.910	3.670	3.670	4.300	4.300	1.899	2.183
K	1.250	1.600	1.700	1.900	2.000	2.260	2.460	2.760	2.960	1.710	1.930
L	200	410	410	400	400	392	392	460	460	114	200

NOTE: Measurements contained in this graph may be modified without prior warning



Central Office:

Yanguas y Miranda, 1/Bajo
Apdo. de Correos n° 359
31080 PAMPLONA
Tel.: 902 153 021
Fax: 948 207 101
e-mail: comercial@triman.es
www.triman.es

Factory:

Pol. Ondarria, s/n.
31800 ALSASUA Navarra

