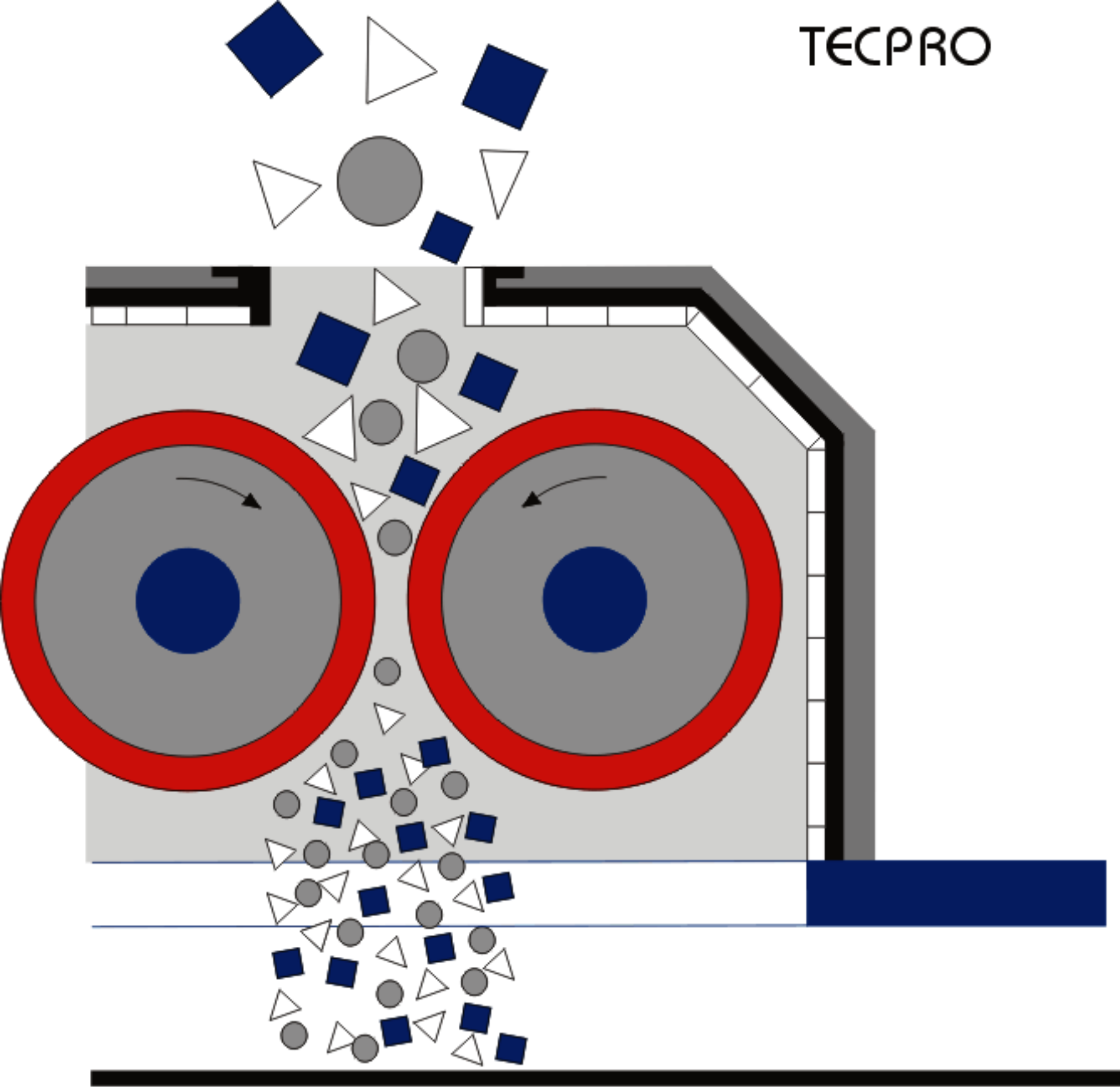


TECPRO



SMOOTH DOUBLE ROLL CRUSHER

PRODUCT DIVISION, TECPRO SYSTEMS (P) LTD.

Under License From

FAM

Förderanlagen Magdeburg

GERMANY



Crushing of medium-hard to hard raw materials...

Function

- TECPRO-FAM Smooth Double Roll Crushers crush the material between contra-rotating rollers.
- The roller bodies draw the feed material into the grinding gap.
- Depending on the size of the material fed in and on the final grain to be obtained, the drawing-in angle, the friction coefficient, gap width, roller speed and roller diameter are brought into line with each other.

Design

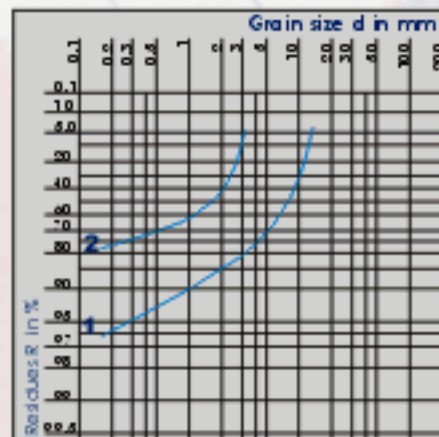
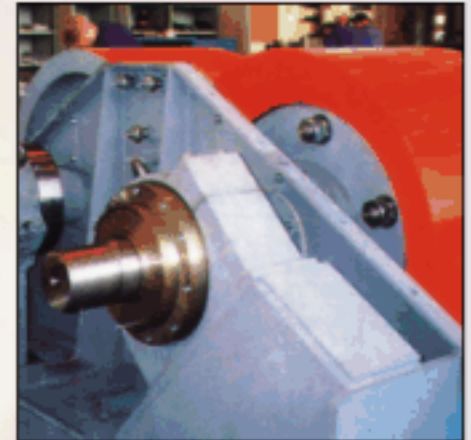
- Welded robust basic housing
- Rollershells and rollers cores are releasably interconnected by means of clamping rings
- Surfaces of the roller shells are smooth or serrated
- Stationary and loose rollers comes with dust-tight encapsulated anti-friction bearing
- Stepless setting of grinding gap with optional mechanical or hydraulic overload protection
- Parallel evasion of the loose roller on the occurrence of uncrushable components of the material
- Drive of the loose roller with spring-tensioning device for the V-belts

Fields of application

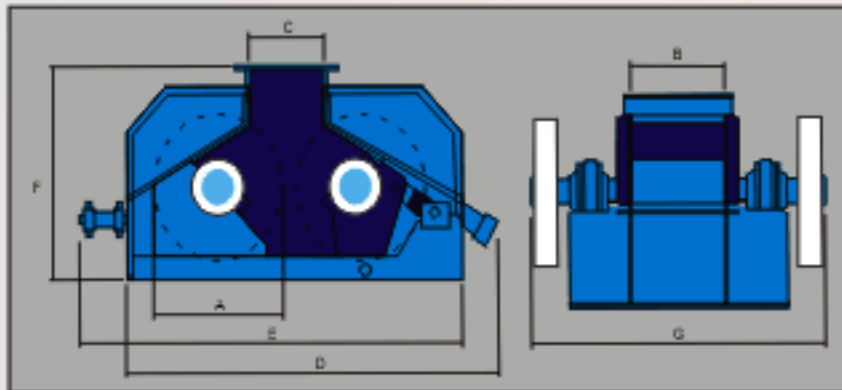
- Gravel processing plants
- Ore processing plants
- Cement, gypsum and limestone plants
- Coal and potash mining
- Building, glass and chemical industries
- Foundries

Advantages

- Torsion-proof basic frame
- Simple maintenance
- Preserving grinding action
- Grinding of hard raw materials
- Grinding of moist materials
- Low dust occurrence



Coke grinding
feed grain
0-40 mm
1
1st grinding stage
2
2nd grinding stage



The driving powers specified apply to medium-hard limestone. These must specially be brought into line for other requirements.

The weights apply to the design with mechanical overload protection without accounting for the driving units.

Other sizes are available on request.

Designation Type	Roller dia.		Weight approx. kg	Driving power kW	Installation dimensions				
	A mm	B mm			C mm	D mm	E mm	F mm	G mm
SWM 06 04	600	400	4,050	2 x 11	400	2400	2200	1180	1750
SWM 06 06	600	600	5,500	2 x 15	400	2400	2200	1180	1975
SWM 06 08	600	800	6,500	2 x 22	400	2400	2200	1180	2160
SWM 06 10	600	1000	7,700	2 x 30	400	2400	2200	1180	2360
SWM 08 04	800	400	6,900	2 x 22	600	2750	2600	1360	1700
SWM 08 06	800	600	8,400	2 x 30	600	2750	2600	1360	1960
SWM 08 08	800	800	9,800	2 x 37	600	2750	2600	1360	2260
SWM 08 10	800	1000	11,900	2 x 45	600	2750	2600	1360	2460
SWM 10 04	1000	400	9,100	2 x 22	660	3100	2800	1600	1800
SWM 10 06	1000	600	10,800	2 x 30	660	3100	2800	1600	2000
SWM 10 08	1000	800	12,900	2 x 37	660	3100	2800	1600	2300
SWM 10 10	1000	1000	15,400	2 x 45	660	3100	2800	1600	2560
SWM 10 12	1000	1200	18,350	2 x 55	660	3100	2800	1600	2800
SWM 12 06	1200	600	16,400	2 x 45	660	3600	3250	1700	2160
SWM 12 08	1200	800	19,100	2 x 55	660	3600	3250	1700	2320
SWM 12 10	1200	1000	22,300	2 x 75	660	3600	3250	1700	2660
SWM 12 12	1200	1200	26,100	2 x 90	660	3600	3250	1700	2900
SWM 12 14	1200	1400	30,500	2 x 110	660	3600	3250	1700	3200
SWM 14 06	1400	600	22,500	2 x 45	700	4350	3950	1900	2300
SWM 14 08	1400	800	25,800	2 x 55	700	4350	3950	1900	2560
SWM 14 10	1400	1000	29,700	2 x 75	700	4350	3950	1900	2860
SWM 14 12	1400	1200	34,100	2 x 90	700	4350	3950	1900	3160
SWM 14 14	1400	1400	39,200	2 x 110	700	4350	3950	1900	3600
SWM 16 08	1600	800	28,800	2 x 75	700	4950	4600	2200	2700
SWM 16 10	1600	1000	32,500	2 x 90	700	4950	4600	2200	2960
SWM 16 12	1600	1200	37,600	2 x 110	700	4950	4600	2200	3200

All dimensions and data in this prospectus are meant only as a guide for which we reserve the right of modification.

To enable our experienced engineering staff to recommend the installation best suited to specific applications, answers to as many of the following questions as possible will result in a prompt and accurate solution to your crushing requirements

1. Material to be crushed
2. Maximum feed dimension
3. Approximate feed size analysis
4. Moisture content
5. Stickiness
6. Bulk Density
7. Product sizes required
8. Friability
9. Abrasive characteristics
10. Do you intend close circuit operation?
11. Capacity desired in tons per hour

OUR TECHNICAL COLLABORATORS :

1. Single Roll Crushers, Double Roll Crushers, (Smooth & Toothed), Reversible Impact Mill, Impact Hammer Crushers, Roller Screen, Ball Mills in technical collaboration with M/s. F.A.M. Magdeburger Förderanlagen und Baumaschinen GmbH, Germany.
2. Aggregate Crushing and Screening plants - Cone Crushers, Vertical Shaft Impactors (Zenturbo), Jaw Crushers, in technical collaboration with M/s. Maschinenfabrik Liezen Und Giesserei Ges.m.b.H.
3. Flip-flow Screens in technical collaboration with M/s. Hein, Lehmann Trenn-Und Fordertechnik GmbH.
4. Vibrating Screens (Circular and linear motion), Vibrating Feeders, Apron Feeders in technical collaboration with M/s. PEYTEC Aschauer & Peyfuss OEG, AUSTRIA.
5. Turnkey Projects - Fuel and Ash handling systems for Coal, Biomass, Bagasse based power plants, Material handling system for steel, cement, paper, industry etc.



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