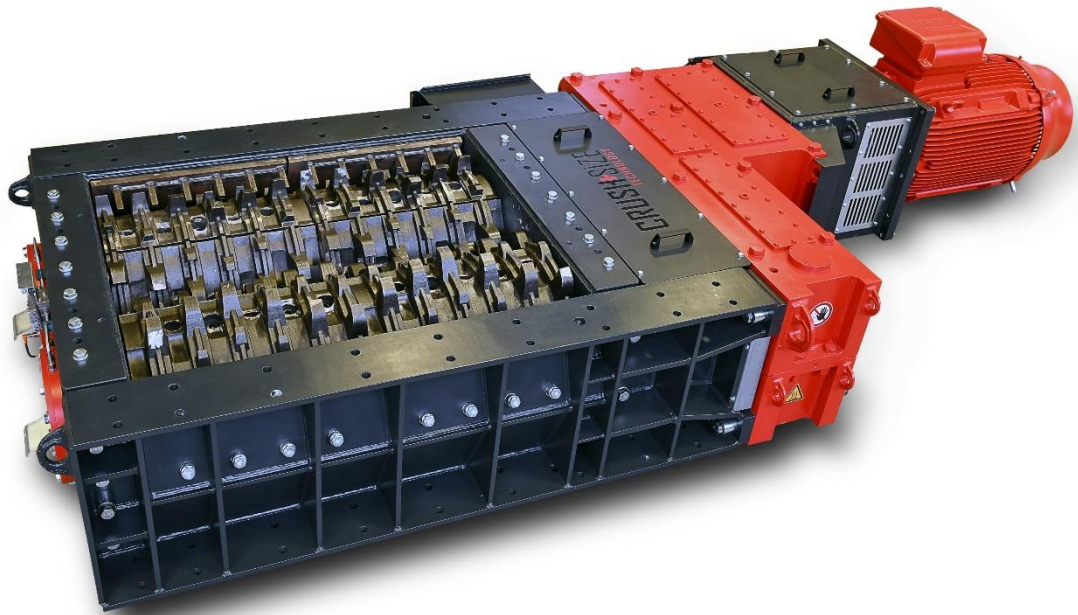


SZR | Sizer

Compact design



General Features

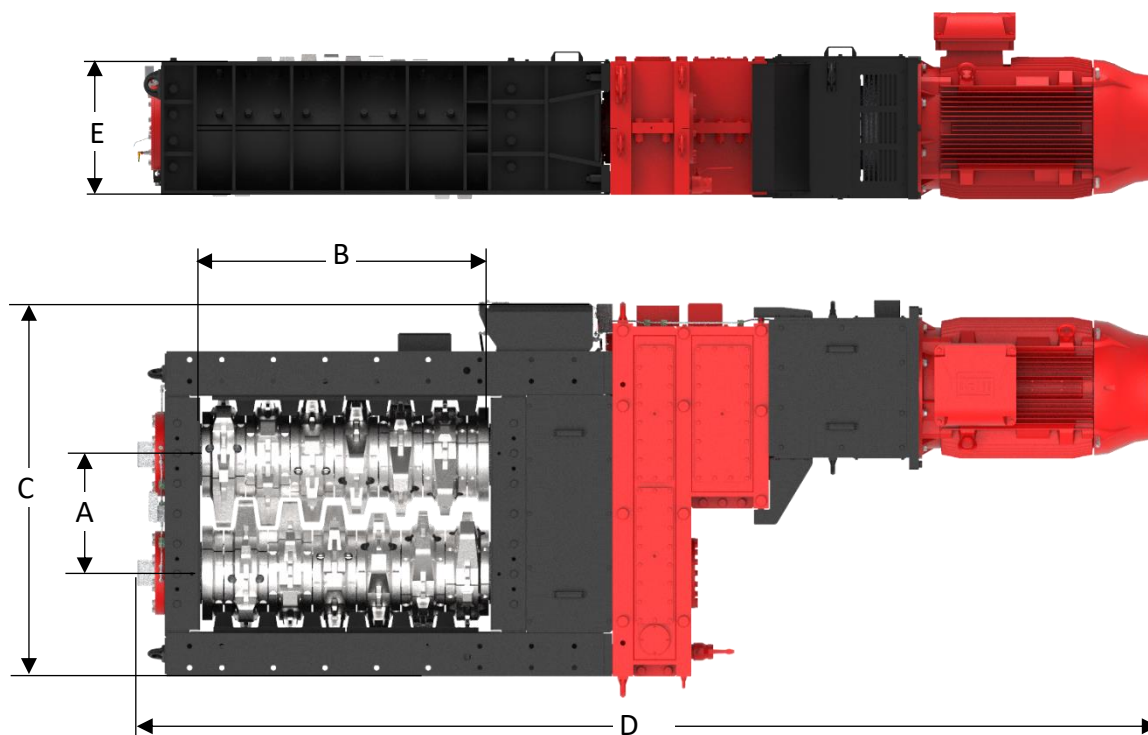
- Gentle Crushing through slow roller rotation
- Rollers mechanically synchronized
- Fixed roller gap
- Overload protection through slip clutch
- High coarse particle content and low fines in the end product
- Low oversize content
- Energy efficient
- Wear resistance
- Low maintenance costs
- Application-specific selection of crushing tools
- Direct feed possible

Application data

- Materials up to 300MPa compressive strength for mining and recycling applications
- Moist and sticky materials
- Feed Size: 100mm to 2m edge length
- Capacity: 100 to 10,000t/h
- Product size: up to <32mm
- Crushing ratio: 1:3 to 1:5, in some cases significantly higher

SZR | Sizer

Sizes and Application



A: Axle distance | B: roller length | C: Machine width | D: Machine length | E: Machine height

Size	Weight t	Throughput ¹ t/h	F100 mm	P90 mm	A mm	B mm	C mm	D mm	E mm
SZR 350-10	4	100	300	11-45	350	1000	1450	3200	500
SZR 350-15	5	200	300	11-45	350	1500	1450	3800	500
SZR 450-10	7	200	400	16-45	450	1000	1600	3700	580
SZR 450-15	9	300	400	16-45	450	1500	1600	4250	580
SZR 450-20	11	400	400	16-45	450	2000	1600	4800	580
SDR 550 -13	13	800	600	22-100	550	1300	1800	4750	650
SDR 550 -20	16	1200	600	22-100	550	2000	1800	5320	650
SDR 550 -27	19	1600	600	22-100	550	2700	1800	6030	650
SZR 700-15	21	2200	800	32-160	700	1500	2200	5000	950
SZR 700 -20	24	3000	800	32-160	700	2000	2200	5600	950
SDR 700 -30	30	4400	800	32-160	700	3000	2200	6200	950
SZR 800 -20	42	3900	1000	200	800	2000	2650	6600	1000
SZR 800 -27	48	5200	1000	200	800	2700	2650	7300	1000
SZR 800-34	54	6600	1000	200	800	3400	2650	8000	1000
SZR 900 -20	62	4000	1200	250	900	2000	3000	7000	1250
SZR 900 -27	68	5400	1200	250	900	2700	3000	7750	1250
SZR 900 -34	74	6700	1200	250	900	3400	3000	8500	1250
SDR 1150 -27	85	9200	1400	300	1150	2700	3800	8000	1600
SDR 1150 -33	92	11300	1400	300	1150	3300	3800	8800	1600
SDR 1150 -41	99	14000	1400	300	1150	4100	3800	9600	1600

¹Throughput calculation based on a material density of 2 kg/l. Exceptions: SZR 350 (1.3 kg/l) and SZR 450 (1.6 kg/l).