

Sandvik Breakers Small Range



Broad Operating and Application Range

All models in the Sandvik Rammer's Small Range are offered in a variety of Standard, Uniram and CITY mounting configurations. They are able to accept a wide range of oil flows and are tolerant of high back pressures. This means they can be mounted on a huge range of carriers and utilised in an infinite number of applications.

Wide Oil Flow Range
Fits large variety of carriers

Constant Blow Energy (CBE)
Maximum productivity

POWERFUL AND PRODUCTIVE

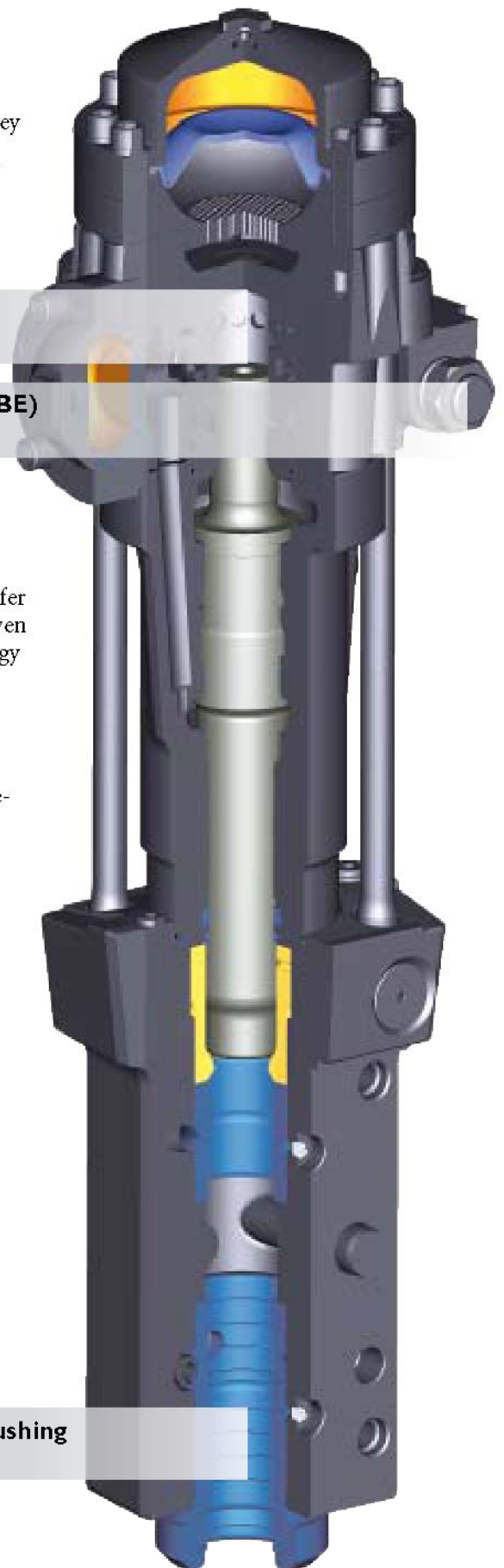
Each Sandvik Rammer Small Range hammer incorporates a piston and tool that are perfectly matched to ensure maximum energy transfer for optimum power and breaking efficiency. Sandvik Rammer's proven Constant Blow Energy (CBE) system ensures maximum impact energy with every blow for maximum productivity and profitability.

RELIABLE AND DURABLE

Sandvik Rammer Small Range hammers are built to last. Membrane-type accumulators assist with power stroke and provide protection against hydraulic spikes. Field replaceable lower bushing and a low-maintenance design ensures optimum hammer uptime, higher availability levels and reduced owning and operating costs.



Field replaceable lower bushing
Less down time





Breaking oversized material prior to crushing
Breaking slag from casting ladles



Concrete wall, roof, floor and
light foundation demolition duties



Scaling of tunnel linings



Compacting and hole punching duties in light
construction applications



Surface breaking and cutting duties in light road
construction applications



BR 1229

BR 927 SCALING

BR 927

BR 825 SCALING

BR 825

BR 623 SCALING

BR 623

BR 422

BR 321

	BR 321	BR 422	BR 623	BR 623	BR 825	BR 825	BR 927	BR 927	BR 1229
Working weight Standard, kg	130	200	300	300	425	425	590	590	830
Working weight CITY, kg	140	220	315	315	430	430	600	600	820
Working weight UNIRAM, kg	126	190	310	–	454	–	600	–	785
Impact rate, bpm	750-2200	450-1800	400-2000	400-1600	600-1800	600-1800	500-1300	500-1300	500-1000
Operating pressure, bar	95-120	80-110	100-145	95-140	100-130	90-125	80-130	75-125	125-150
Pressure relief min, bar	145-175	130-160	150-195	145-190	150-190	140-185	130-180	125-175	175-200
Pressure relief max, bar	220	210	220	220	220	220	220	220	220
Pressure in LP-circuit, bar	30-32	34-36	28-32	24-26	38-40	33-35	32-34	28-29	26-28
Oil flow range, l/min	20-50	20-70	25-100	30-90	50-150	50-150	60-150	60-150	60-120
Back pressure max, bar	30	30	20	20	30	30	10	10	10
Max input power, kW	10	12.8	24	21	33	31	32.5	31	30
Tool diameter, mm	45	50	63	63	70	70	84	84	95
Connections for hoses (BSPP internal port sizes)									
- pressure line (IN)	1/2"	3/4"	3/4"	3/4"	1"	1"	1"	1"	1"
- return line (OUT)	1/2"	3/4"	3/4"	3/4"	1"	1"	1"	1"	1"
- grease connection (G)	–	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
- air connection (A)	–	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Line size minimum inner diameter									
- pressure line, mm	12	15	19	19	26	26	26	26	26
- return line, mm	12	15	19	19	26	26	26	26	26
Optimum oil temperature, °C	40-60	40-60	40-60	40-60	40-60	40-60	40-60	40-60	40-60
Max. allowed oil temperature range, °C	-20...+80	20...+80	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80	-20...+80
Carrier weight, ton	1.3-3.2	2.5-4.5	3.0-6.5	3.0-6.5	5.0-8.5	5.0-8.5	7.0-12.0	7.0-12.0	9.0-15.0
85 dB(A) noise level at distance of m									
Standard	20-30	20-30	25-40	25-40	30-50	30-50	30-50	30-50	30-50
UNIRAM	20-30	20-30	25-40	–	30-50	–	30-50	–	30-50
CITY	10-14	7-10	8-14	8-14	16-22	16-22	16-22	16-22	16-22

