

Rockbreaker Booms

TSH Series

For breakers from 750 through 3000 ft. lbs.



Unmatched reliability for breaking medium hard rock with breakers between 750 and 3000 ft. lbs.

BUILT-IN RELIABILITY: TRAMAC'S TSH Series of Rockbreaker Booms bring you unmatched reliability in heavy-duty designs.

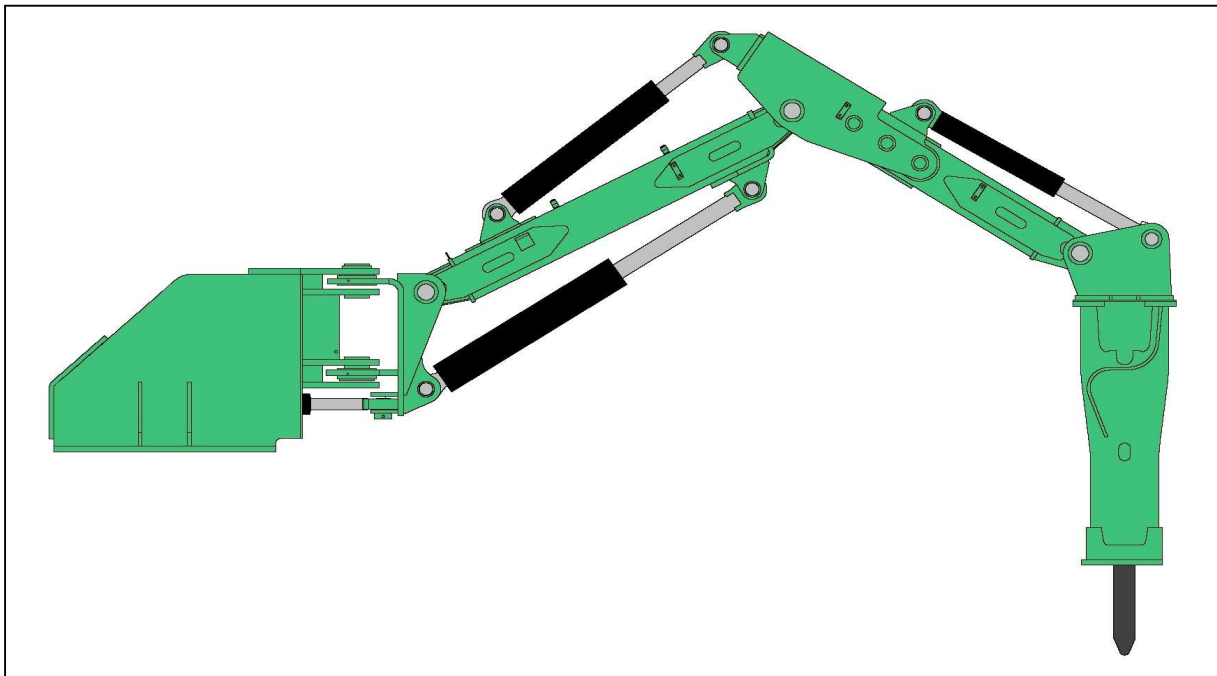
BREAKERS UP TO 3000 ft. lbs: The TSH Series rounds out our line-up with duty levels designed to carry breakers from 750 to 3000 ft. Lbs., for applications working in medium hard rock.

INCREASED SAFETY AND PRODUCTION: Increase safety around your primary. Eliminate the need for a worker to enter the area. Increase your up-time. Provide a steady flow of materials. Break rock, pull, poke and stir material. Reach back into the hopper and work down along the feeder area and into the crusher with smooth precision of control.

PROPER SET-UP: The key to long equipment life and top production is to start with the boom placed in exactly the right spot. When working in your target area, a boom is positioned in its « sweet spot » when it is arched symmetrically and the cylinders are in their mid positions. TRAMAC engineering will gladly work with you to find the right boom base position so you can reach the areas of top priority.

ADVANCE CONTROLS: These systems are optionally equipped with the very latest electro-hydraulic joystick operated controls. Each function is supplied a precisely metered amount of hydraulic power, with reliefs set to instantly protect from dangers that can arise when working in conjunction with other moving equipment. In some cases, manually activated lever controls are preferred. Indicate your requirements at time of order.

OVERSIZED PINS, HEAVY DUTY CYLINDERS: For equipment safety and long life, boom and cylinder pins are made with diameters that exceed requirements. Cylinders are high strength, heavy duty designs with oversized rods and built-in cushioning for smooth functioning.



For dimensions and specifications, see reverse side.

TSH Series Rockbreaker Booms

TS Booms: Approximate Working Ranges

BOOM		TSH14				TSH16				TSH18				TSH20				TSH24			
		Breaker	SC28	SC36	SC50	700	SC28	SC36	SC50	700	SC28	SC36	SC50	700	SC28	SC36	SC50	700	SC28	SC36	SC50
A	ft-in	2'-2"	2'-5"	3'-0"	4'-5"	3'-9"	4'-1"	4'-8"	6'-2"	2'-4"	2'-8"	3'-3"	4'-8"	4'-3"	4'-7"	5'-2"	6'-7"	4'-3"	4'-7"	5'-2"	6'-7"
	mm	635	737	914	1346	1143	1245	1422	1854	711	813	991	1422	1295	1397	1575	2007	1295	1397	1575	2007
B	ft-in	7'-2"				6'-5"				8'-5"				7'-9"				9'-0"			
	mm	2184				1956				2565				2362				2743			
C	ft-in	14'-0"				16'-0"				18'-0"				20'-0"				24'-0"			
	mm	4267				4877				5486				6096				7315			
D	ft-in	17'-8"	18'-0"	19'-0"	20'-3"	20'-2"	20'-6"	21'-6"	22'-3"	21'-1"	22'-0"	23'-0"	24'-3"	24'-8"	25'-0"	26'-0"	27'-0"	26'-6"	27'-2"	27'-8"	29'-2"
	mm	5385	5486	5791	6172	6146	6248	6477	6782	6604	6705	7010	7391	7518	7620	7925	8230	8179	8280	8458	8890
E	ft-in	11'-6"				13'-4"				14'-6"				17'-8"				18'-3"			
	mm	3505				4064				4420				5385				5563			
F	ft-in	13'-2"	13'-6"	14'-6"	16'-0"	16'-2"	16'-6"	17'-0"	18'-0"	16'-1"	17'-0"	18'-0"	19'-8"	18'-11"	19'-3"	20'-3"	21'-6"	22'-3"	22'-7"	23'-2"	24'-7"
	mm	4013	4115	4420	4877	4927	5029	5182	5486	5080	5182	5486	5944	5766	5867	6172	6553	6782	6883	7061	7493
G	ft-in	4'-8"				3'-11"				5'-2"				4'-5"				11'-9"			
	mm	1422				1194				1549				1346				3581			

Tramac reserves the right to change or discontinue models and/or specifications without prior notice.

Boom Specifications

Model		TSH14	TSH16	TSH18	TSH20	TSH24
Nom. Horizontal Reach (with hammer vertical)	ft	14'-0"	16'-0"	18'-0"	20'-0"	24'-0"
	m	4.3	4.9	5.5	6.1	7.3
Swing Arc	Deg	180°	180°	180°	180°	180°
Max. Lifting Capacity (at boom nose, without hammer)	Lbs	2500				
	kg	1135				
Weight (excluding hammer and Power Pack)	lbs	6,680	6,980	7,330	7,680	8,080
	kg	3,030	3,165	3,325	3,485	3,665
Static Overturning Moment (w/o hammer)	ft lbs	47,950	56,780	66,690	77,480	103,000
	Nm	65,012	76,983	90,420	105,049	139,650
Hammer Impact Class Range	ft lbs	750 - 3000				
	Nm	1,000 - 4,000				

Breaker Specifications

Model		SC28	SC36	SC50	700	900
Impact Class	ft lbs	750	1000	1500	2000	3000
Working Weight	lbs	595	805	1100	2105	2500
	kg	270	365	500	955	1130
Flow Range	gpm	10 - 20	14.5 - 26	20 - 33	21 - 37	26 - 40
	lpm	40 - 75	55 - 100	75 - 125	80 - 140	100 - 150
Striking Rate	Max bpm	1420	1550	1140	885	800
Maximum Operating Pressure	psi	1740	1800	1885	2150	1813
	bar	120	125	130	148	125
Tool Diameter	in	2.8	3	3.74	4.4	4.65
	mm	72	76	95	112	118
Overall Height w/ Standard Tool & Bracket	in	57	60	73.6	90.5	98
	mm	1446	1530	1870	2300	2500

