

# TX SERIES STATIONARY BOOMS



**Designed for the Biggest Jobs:** Tramac's TX Series Stationary Rock Breakers are extremely heavy-duty assemblies. The series is designed to carry breakers weighing up to 5555 lbs., energy classes to 8000 ft lbs., and is ideally suited for work, serving large crushers, in gyratory dump pockets, over grizzlies, underground ore passes and other high production locations where large breakers are required. These designs are the beneficiaries of many years' experience in providing rock breaking equipment to demanding mineral mines and crushed stone producers worldwide. The TX incorporates an extra-large pedestal base with large diameter king-pins and swing post. Its heavy duty tubular steel construction is reinforced in critical areas.



*Tramac's TX Series Rock Breaker Boom Systems are Extra Heavy-Duty assemblies for large breakers at demanding, high-production work locations. These designs are the beneficiaries of many years' experience in providing rock breaking equipment to demanding mineral mines and crushed stone producers worldwide.*

**Advanced Controls:** These systems are equipped with the very latest electro-hydraulic joy-stick 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. Wireless systems, in lieu of a standard tethered joystick box or in addition to it, are one of today's frequently requested accessories. Extra-long distance remote, HMI, CCTV, Telecommand are some of the modern available control options.



**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 engineers will gladly work with you to find the right boom base position so you can reach the areas of top priority.

**Heavy-Duty Cylinders:** Heavy duty cylinders are of welded construction with spherical bearings in both ends. The boom and dipperstick cylinders include cushioning and load drop counter balance valves.

**Auto Lubrication:** Auto lube systems are frequently specified. They include the breaker and all boom lube points. Also available is a manually fed lube system that brings the lines serving all points to two bulkhead locations.

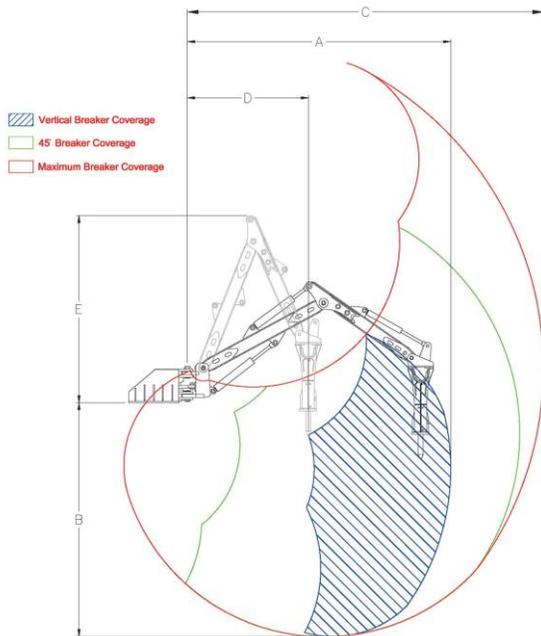
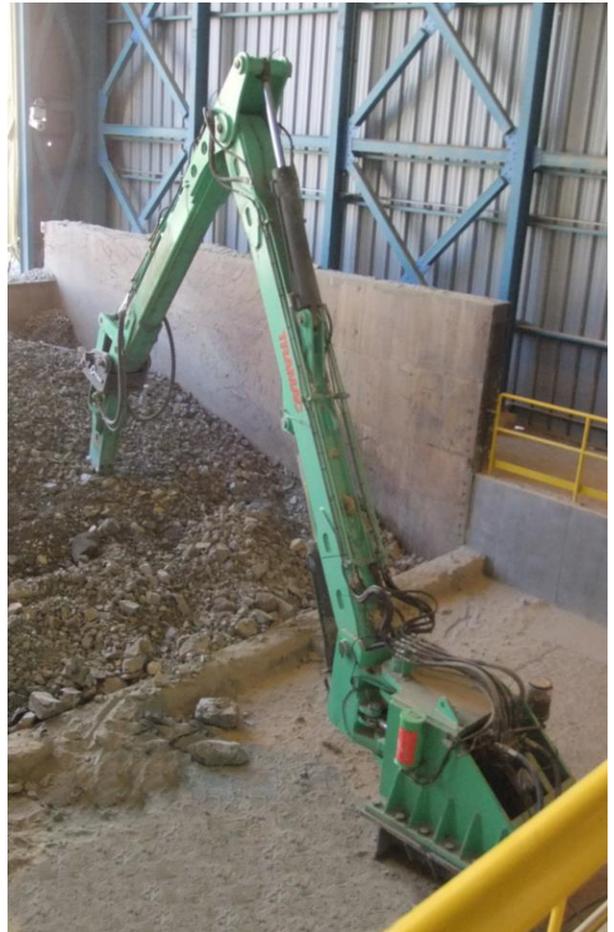
**Hydraulic Power Units:** Our proprietary designed hydraulic power units position the tank above the pump for a smaller footprint and flooded inlet. The power rating of the electric motor is determined by the selection of the breaker and its hydraulic requirements. It's not unusual for a power unit and breaker to have up to a 100 gallon (380 liter) reservoir and 50 hp (37 kW) electric motor.

**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 into the crusher with smooth precision of control.

### TX Series Specifications

Tramac Boom Model	Horizontal Reach*	Swing Rotation	Boom Weight	Hammer Class
TX-52	17' (5.2m)	160°	13,950 lbs (6,330kg)	3,000 - 8,500 ft lbs (4,000 - 11,525NM)
TX-62	21' (6.4m)	160°	14,750 lbs (6,700kg)	3,000 - 8,500 ft lbs (4,000 - 11,525NM)
TX-72	24' (7.3m)	160°	15,650 lbs (7,100kg)	3,000 - 8,500 ft lbs (4,000 - 11,525NM)
TX-82	28' (8.5m)	160°	16,300 lbs (7,400kg)	3,000 - 8,500 ft lbs (4,000 - 11,525NM)
TX-92	31' (9.4m)	160°	17,100 lbs (7,750kg)	3,000 - 8,500 ft lbs (4,000 - 11,525NM)

\*Nominal reach to centerline of breaker in a vertical position.



### TSH Booms: Example Working Ranges

Tramac Boom Model	TX-52	TX-62	TX-72	TX-82	TX-92
Hammer	900	V1200	V1800	V1800	V1200
A	17'1" (5.2m)	21'1" (6.4m)	24'0" (7.3m)	28'0" (8.5m)	30'10" (9.4m)
B	14'5" (4.4m)	19'1" (5.8m)	21'5" (6.5m)	24'5" (7.4m)	26'3" (8.0m)
C	24'0" (7.3m)	29'4" (8.9m)	32'6" (9.9m)	36'4" (11.1m)	39'1" (11.9m)
D	8'4" (2.5m)	9'11" (3.0m)	11'0" (3.4m)	12'7" (3.8m)	13'8" (4.2m)
E	13'11" (4.2m)	15'9" (4.8m)	17'2" (5.2m)	19'0" (5.8m)	20'7" (6.3m)

**NSSGA** NATIONAL STONE, SAND & GRAVEL ASSOCIATION

