

MHB BADGER BREAKER®



The **MHB Badger Breaker®** is a rubber-tired, self-propelled multi-head concrete pavement breaker which carries 1,200 to 1,750 pound (550 to 800kg) hammers mounted laterally in pairs with half the hammers in a forward row and the remainder diagonally offset in a rear row so that there is continuous breakage from side to side. Each pair of hammers is attached to a hydraulic lift cylinder which operates as an independent unit, develops between 1,000 and 8,000 foot pounds (1,400 and 11,000 newton meters) of breaking energy depending upon the lift height selected, and cycles at a rate of 30 to 35 impacts per minute. The 8-foot (2.4m) wide machine carries twelve hammers 8 inches (200mm) in width. A wing, carrying two 1,750 to 2,000 pound (800 to 900kg) hammers, can be added to each side for a total breaking width of up to 12.5 feet (3.8m). Due to individual control of each lifting cylinder, breaking can be as narrow as 2.67 feet (0.8m) or increased in increments to as wide as 12.5 feet (3.8m). The typical production rate per MHB is 1 lane mile (1.6 lane km) per shift when rubblizing and 2 to 3 lane miles (3 to 5 lane km) per shift when breaking for removal.

Chassis

	<u>Narrow Mode</u>	<u>Lane-width Mode</u>
Length	25 feet (7.6m)	25 feet (7.6m)
Width	8.5 feet (2.6m)	13 feet (4.0m)
Height	9.6 feet (2.9m)	9.6 feet (2.9m)
Weight	47,000 - 53,000 pounds (21,300 - 24,000kg)	59,000 - 65,000 pounds (26,700 - 29,500kg)

Hammer Assembly

	<u>Narrow Mode</u>	<u>Lane-width Mode</u>
Number of Hammers	12	16
Number of Lift Circuits	6	8
Maximum Breaking Width	8 feet (2.4m)	12.5 feet (3.8m)
	<u>Standard Hammer</u>	<u>Wing Hammer</u>
Strike Width	8 inches (200mm)	12 - 15 inches (305 - 380mm)
Weight	1,200 - 1,750 pounds (550 - 800kg)	1,750 - 2,000 pounds (800 - 900kg)
Maximum Lift Height	5 feet (1.5m)	5 feet (1.5m)

Manufactured by: **BADGER**
STATE HIGHWAY EQUIPMENT, INC.