



ROADHEADERS

AQM Specifications Data, Dimensions, and Weights

AQM100

CUTTING PRINCIPLE		"T" Transverse "RIPPER" CUTTERHEAD		
CUTTING RANGE		Without optional boom extension		
Cutting Height, maximum		13' 2"	4,000 mm	
Cutting Width, maximum		15' 9"	4,800 mm	
Below crawler track level (grade)		7"	180 mm	
MACHINE WEIGHT, approximate		59,400 lbs.	27 metric tons	
MACHINE DIMENSIONS				
Over-all Length		24' 7"	7,500 mm	
Over-all Height		5' 5"	1,645 mm	
Width (with standard tracks)		6' 7"	2,000 mm	
WIDTH OF LOADING APRON				
Minimum		6' 7"	2,000 mm	
Standard		8' 3"	2,500 mm	
Optional		9' 10"	3,000 mm	
ELECTRICAL SYSTEM				
CUTTER MOTOR				
Standard, water-cooled		150 HP	110 kW	
Optional, air-cooled		102 HP	75 kW	
Optional, water-cooled		176 HP	130 kW	
Hydraulic Power Pack Motor				
Standard, air-cooled		16 HP	12 kW	
Optional, air-cooled		30 HP	22 kW	
Chain Conveyor Motor				
Standard, air-cooled		2X16 HP	2x12 kW	
Optional, air-cooled		2x30 HP	2x22 kW	
Track Drive Motors		2x16 HP	2x12 kW	
Total Motors (Nameplate)				
Minimum		182 HP	135 kW	
Maximum		298 HP	220 kW	
Auxiliary Motors for belt conveyor, radiator (water cooler), dust collector, etc.		To specifications of individual project		
<i>Power, 3-Phase, A,C</i>		<i>Voltage</i>		
	Voltage at 60 c/s (Hz)	460 V	600 V	1000 V
	Voltage at 50 Hz (C/S)	380 V	500 V	1000 V
CUTTING SYSTEM				
Cutter Head		Two Transverse "ripper" drums		
Cutter Bits (Picks), Type/Insert		Rotating "point attack" and radial Tungsten-Carbide and PDC "diamond"		
CONVEYING SYSTEM				
Standard Chain Conveyor, Speed		216 fpm	1.1 m/sec	
LOADING (GATHERING) SYSTEMS				
Gathering arms, spinner discs, star-wheels				
CRAWLER TRACK ASSEMBLY				
Tramming Speed, Variable		20 fpm	6.0 m/min	
Negotiable gradient, up and down		16° grade	18 gon	
OPTIONAL EQUIPMENT		Automatic Guidance System, Remote Control		

All specifications are for standard machine.

The manufacturer reserves the right to change these specifications without prior notice.

