



ROADHEADERS

AQM Specifications Data, Dimensions, and Weights

AQM150

CUTTING PRINCIPLE		"T" Transverse "RIPPER" CUTTERHEAD		
CUTTING RANGE		Without optional boom extension		
Cutting Height, maximum		13' 11"	4,250 mm	
Cutting Width, maximum		17' 1"	5,400 mm	
Below crawler track level (grade)		7"	180 mm	
MACHINE WEIGHT, approximate		77,000 lbs.	35 metric tons	
MACHINE DIMENSIONS				
Over-all Length (without belt conveyor)		26' 8"	8,128 mm	
Over-all Height		6' 8"	1,900 mm	
Width (with standard tracks)		7' 2"	2,200 mm	
WIDTH OF LOADING APRON				
Minimum		6' 7"	2,000 mm	
Standard		8' 3"	2,500 mm	
Maximum		13' 0"	3,000 mm	
ELECTRICAL SYSTEM				
CUTTER MOTOR				
Standard, water-cooled		175 HP	130 kW	
Optional, water-cooled		235 HP	175 kW	
Optional, water-cooled		200 HP	150 kW	
Hydraulic Power Pack Motor				
Standard, air-cooled		60 HP	45 kW	
Chain Conveyor Motor				
Standard, water-cooled		1x40 HP	2X15 kW	
Optional, air-cooled		1x40 HP	2X22 kW	
Track Drive Motors		Hydraulic		
Total Motors (Nameplate)				
Minimum		275 HP	205 kW	
Maximum		354 HP	264 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, Internal Pick Flushing System, Swivel Belt Conveyor		

All specifications are for standard machine.

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

