



ROADHEADERS

AQM Specifications Data, Dimensions, and Weights

AQM200

CUTTING PRINCIPLE		"T" Transverse "RIPPER" CUTTERHEAD	
CUTTING RANGE		Without optional boom extension	
Cutting Height, maximum		16' 2"	4,950 mm
Cutting Width, maximum		24' 11"	7,600 mm
Below crawler track level (grade)		6"	150 mm
MACHINE WEIGHT, approximate		143,000 lbs.	65 metric tons
MACHINE DIMENSIONS			
Over-all Length		36' 11"	11,260 mm
Over-all Height		9' 9"	1,750 mm
Width (with standard tracks)		6' 7"	2,600 mm
WIDTH OF LOADING APRON			
Minimum		9' 3"	2,800 mm
Standard		9' 10"	3,000 mm
Maximum		18' 1"	5,500 mm
ELECTRICAL SYSTEM			
CUTTER MOTOR			
Standard, water-cooled		270 HP	200 kW
Hydraulic Power Pack Motor			
Standard, air-cooled		100 HP	70 kW
Chain Conveyor Motor			
Standard, water-cooled		1x40 HP	1x30 kW
Gathering Arms Motor			
Standard, water-cooled		2x40 HP	2x30 kW
Track Drive Motors Hydraulic		2x50 HP	2X36 kW
Total Motors (Nameplate)		490 HP	360 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)	1000 V
		Voltage at 50 Hz (C/S)	1000 V
			4160 V
			4160 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	1.3 m/sec
LOADING (GATHERING) SYSTEMS		Gathering arms, spinner discs, star-wheels	
CRAWLER TRACK ASSEMBLY			
Tramming Speed, Variable		16-53 fpm	5 – 16 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.

