



ROADHEADERS

AQM Specifications Data, Dimensions, and Weights

AQM175

CUTTING PRINCIPLE		"T" Transverse "RIPPER" CUTTERHEAD			
CUTTING RANGE		Without optional boom extension			
Cutting Height, maximum		17' 0"	5,200 mm		
Cutting Width, maximum		23'	7,000 mm		
Below crawler track level (grade)		10"	260 mm		
MACHINE WEIGHT, approximate		143,000 lbs.	65 metric tons		
MACHINE DIMENSIONS					
Over-all Length (without belt conveyor)		34' 9"	10,600 mm		
Over-all Height		6' 7"	2,000 mm		
Width (with standard tracks)		8' 6"	2,600 mm		
WIDTH OF LOADING APRON					
Minimum		10'	3,000 mm		
Standard		11' 6"	3,500 mm		
ELECTRICAL SYSTEM					
CUTTER MOTOR					
Standard, water-cooled		215 HP	160 kW		
Optional, water-cooled		268 HP	200 kW		
Optional, water-cooled		250 HP	185 kW		
Hydraulic Power Pack Motor					
Standard, air-cooled		150 HP	110 kW		
		215 HP	160 kW		
Chain Conveyor Motor					
Standard, water-cooled		2x30 HP	2X22 kW		
Optional, air-cooled		1x40 HP	1X30 kW		
Track Drive Motors		Hydraulic			
Total Motors (Nameplate)					
Minimum		405 HP	300 kW		
Maximum		543 HP	404 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	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		255 fpm	1.3 m/sec		
LOADING (GATHERING) SYSTEMS					
Gathering arms, spinner discs, star-wheels					
CRAWLER TRACK ASSEMBLY					
Tramming Speed, Variable		0 - 50 fpm	0 - 17 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, Axial (inline) Cutting System			

All specifications are for standard machine.

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

