

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 | | | |
| Power, 3-Phase, A,C | | Voltage | | | |
| | | 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.