

## ARVA MC500

ARVA Quote Number:  
Customer:  
Destination:

Arva Industries  
43 Gaylord Road  
St. Thomas, Ontario  
N5P 3R9  
Phone: 519-637-1855  
Fax: 519-637-1848



ARVA Drawing Reference #

Prepared By:

### **Standard Equipment**

<b>ENGINE</b>	Tier III Cummins Model QSB 4.5C 160hp Diesel Full Authority Electronic
<b>TRAVEL</b>	4X4 Full time four (4) wheel drive, oscillating rear axle Power shift transmission six(6) speeds forward and reverse Steering column mounted shifter Limited Slip Front Axle / Open Rear Axle
<b>STEERING</b>	Four(4) wheel steering Three modes of selectable steering Two(2) wheel front, Four(4) wheel coordinated or Four(4) wheel crab
<b>OPERATOR'S CAB</b>	Chassis mounted ROPS/FOPS Certified Air ride suspension seat Manually independent outrigger controls Engine gauge package Murphy in dash engine monitoring system Nine (9) pin port diagnostic port
<b>SERVICE BRAKES</b>	Four (4) wheel internal wet disc service brake Separate accumulator and valves for front and rear axles
<b>PARKING BRAKE</b>	SAHR spring, applied, hydraulically released Four (4) wheel internal wet disc parking brakes Fail-safe Override Test Switch
<b>ELECTRICAL</b>	12 volt DC Negative ground Master disconnect Deutsch waterproof connectors Marine grade wiring LED lighting package to include; Turn indicators Head, tail, brake, reverse & hazard lights Backup alarm
<b>HYDRAULIC SYSTEM</b>	Engine driven gear pump chassis and Torque convertor driven piston pump Combined output of 92 US gallons @2400 RPM Drives hoist, boom/turret, steering, brake and outrigger functions Hydraulic oil reservoir: 45 US gallon (170 L)
<b>BOOM</b>	14.0 to 26.4 ft 3 section full power hydraulic Mechanical pendulum type boom angle indicator Boom length decal indicator Boom tip height at full extension: 29 ft Stows on side of crane for tramming within cranes own footprint A2B Protection
<b>BOOM ELEVATION</b>	Two (2) double acting hydraulic cylinders with integral holding valves Minus 3 to plus 60 degree boom elevation
<b>SWING</b>	278 degrees rotation

Hydraulically powered planetary gear drive  
 Incorporated fail safe, spring applied, hydraulically released brake

**HOIST** Hydraulically powered  
 25,000 lbs (11,340 kg) single line pull on first layer  
 Planetary type reduction, fail safe multi-disc brake  
 90 feet (27.43 m), 3/4" (.019 mm) Python EIPS RRL with female swaged end  
 16" diameter sheave with roller bearing

**HOOK BLOCK** Single Sheave twenty-five(25) ton

**HOOK** 25 Ton (13.6 tonne) with 11T overhaul ball

**TIRES** Soft Core  
 Super Grip, Mine Tread, Lug Type

**FIRE SUPPRESSION** Ansul 101 System

**MANUALS** 2 Hard Copies (Operator, Maintenance & Parts)  
 2 Digital Copies (Operator, Maintenance & Parts)

<u>Model No.</u>	<u>Description</u>	<u>List Price</u>	<u>Qty.</u>	<u>Total</u>
MC500	25 ton Low Profile Mining Crane			

**Optional Equipment**

	<u>Description</u>	<u>Price (\$)</u>	<u>Qty.</u>	<u>Total</u>
<b>Axles and Steering</b>	Locked Front Differential	ADD		
<b>Boom Mechanical Attachments</b>	<b>Custom Length Booms Available Upon Request</b>			
	Boom 11.4 ft - 22.1 ft	N/C		
	Emergency 12V Hydraulic Back-up System	ADD		
	Electric Powered Self Leveling Hydraulic 2 Person Work Platform	ADD		
<b>Boom Operating &amp; Measuring Equipment</b>	Radio Remote Control	ADD		
	Hard Wired Load Moment Indicator (LMI) <i>Consult Factory</i>	ADD		
	Load Cell (Measures Load on Hook Only)	ADD		
<b>Hoist Upgrades</b>	Hoist Cable Follower	ADD		
<b>Chassis/Cab Accessories</b>	Spare Wheel & Tire Soft Core	ADD		
	Window Guard & Installation	ADD		
	Undercarriage Protection Cover	ADD		
	Pintle Hook Front	ADD		
	Pintle Hook Rear	ADD		
	Automatic Timed, Centralized SKF Greasing System	ADD		
	Crane accessory guarding	ADD		
	Stainless steel hose ends and adaptors #8 JIC and smaller	ADD		
	Factory White	N/C		
	Factory Yellow	N/C		
	Custom paint (Consult Factory)	TBD		
<b>Light Accessories/Options</b>	Working Boom Light Package(1) Dual (2) Turret Spot Lights	ADD		
	LED Beam & Flood Light Upgrade Each	ADD		
	Wireless Cameras with Operator Mounted Monitor	ADD		
	On-Board Storage for Scaling Pick	ADD		
	LED Rotating Beacon with guard	ADD		
<b>Fire Suppression Options</b>	Check Fire Certification	ADD		
	20 lbs Non-pressurized Hand Held Extinguisher with mount	ADD		
<b>Fast Fluid Fill System</b>	Crankcase, Coolant, Hydraulic, Transmission and Service Box	ADD		

**600 volt 100hp Hydraulic Package. 47 GPM**

	Rear Deck Mounted	ADD			
<b>Documentation</b>	Engineered lift points and Rigging and lowering diagrams/drawings	ADD			
	Engineered stamped and certified lowering drawings	ADD			
<b>Miscellaneous Accessories</b>					
	Additional commercial manuals per set	ADD			
<b>Total Optional Equipment</b>					
<b>Total List Price</b>					

<b>Training &amp; Assembly</b>		<b>Price / Day</b>	<b>Days</b>	<b>Total</b>
	Technician assembly assistance: Three days estimated	ADD		
	Factory disassembly for shipment and packaging	ADD		
	Two days of training and commissioning	N/C		
	Three additional training days as requested by the customer	ADD		
	Meal Expenses not to exceed \$75 per day per technician	ADD		
	Travel Expenses Estimated (Air & Car Rental) not to exceed \$1750	ADD		
	Lodging expenses not to exceed \$135 per night	ADD		
<b>Total Estimated On-Site Technical Fees</b>				