

Arva MC430

ARVA Quote Number:
Customer:
Destination:

ARVA Drawing Reference #

Prepared By:

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Standard Equipment

| | |
|-------------------------|---|
| ENGINE | Tier III Cummins Model QSB 4.5C 160hp Diesel MSHA Compliant Full Authority Electronic |
| TRAVEL | 4X4 Full time four (4) wheel drive, oscillating rear axle Power shift transmission six(6) speeds forward and reverse Steering column mounted shifter |
| STEERING | Four Wheel Steering - Manual Rear Steering Control Optional Manual Front Steer Heavy Duty Four Wheel Steer Pick & Carry Axle Note: Pick and Carry Capability |
| OPERATOR'S CAB | 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 |
| SERVICE BRAKES | Four (4) wheel internal wet disc service brake Separate accumulator and valves for front and rear axles |
| PARKING BRAKE | SAHR spring, applied, hydraulically released Four (4) wheel internal wet disc parking brakes Fail-safe Override Test Switch |
| ELECTRICAL | 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 |
| HYDRAULIC SYSTEM | Engine driven gear pump chassis and Torque convertor driven piston pump Combine output 94 gpm @ 2500 RPM Drives hoist, boom/turret, steering, brake and outrigger functions Hydraulic oil reservoir: 50 US gallon (170 L) |
| BOOM | Retracted Length 13ft. 5 in. / Extended Length 26 ft. 4 in. 3 section full power hydraulic Pin on style boom attachments 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 |
| BOOM ELEVATION | Two (2) double acting hydraulic cylinders with integral holding valves Minus 10 to Plus 55 degrees for easy boom tip access |
| SWING | 278 degrees rotation |

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

HOIST
 Hydraulically powered
24,000 lbs (10,900 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
 24" Sheave Ext. 40000lb 2 Part & 25000lb 1 Part Line

HOOK BLOCK Single Sheave Twenty (20) Ton (18.14 tonne)

HOOK 15 Ton (13.6 tonne)

TIRES
 Soft Core
 Super Grip, Mine Tread, Lug Type

FIRE SUPPRESSION Ansul 110 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> |
|------------------|-------------------------------------|-------------------|-------------|--------------|
| MC430 | 20 Ton 84" Low Profile Mining Crane | | | |

Optional Equipment

| | <u>Description</u> | <u>Price (\$)</u> | <u>Qty.</u> | <u>Total</u> |
|---|---|-------------------|-------------|--------------|
| Axles and Steering | 2 - 4 Wheel Drive Transmission Disconnect | ADD | | |
| | Locked Front Differential | ADD | | |
| | Limited Slip Rear | ADD | | |
| | Auto steering with manual override | ADD | | |
| Boom Mechanical Attachments | <i>Custom Length Booms Available Upon Request</i> | | | |
| | 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 | | |
| | Single Person Boom Tip Mounted Work Platform | ADD | | |
| | 24" Sheave Ext. 40,000lb 2 Part & 25,000lb 1 Part Line | | | |
| | 42" Hydraulic Powered Jib 24,000lb capacity with quick connection | ADD | | |
| | 42" Rhino Jib 20,000lb cap | ADD | | |
| | Swivel Lug 40,000lb cap | ADD | | |
| 96" Jib 8000lb cap | ADD | | | |
| Boom Operating & Measuring Equipment | Radio Remote Control | ADD | | |
| | Hard Wired Load Moment Indicator (LMI) <i>Consult Factory</i> | ADD | | |
| | Load Cell (Measures Load on Hook Only) | ADD | | |
| Hoist Upgrades | Hoist Cable Follower | ADD | | |
| Chassis/Cab Accessories | Spare Wheel & Tire Soft Core | ADD | | |
| | Window Guard & Installation | ADD | | |
| | Undercarriage Protection Cover | ADD | | |
| | Pintle Hook Front | ADD | | |
| | Pintle Hook Rear | ADD | | |
| | Crosby Lowering Swivel Hoist Rings | ADD | | |
| | Automatic Timed, Centralized SKF Greasing System | ADD | | |
| | Factory White | N/C | | |
| | Factory Yellow | N/C | | |
| | Custom paint (Consult Factory) | TBD | | |
| Light Accessories/Options | Working Boom Light Package(1) Dual (2) Turret Spot Lights | ADD | | |
| | LED Beam & Flood Light Upgrade Each | ADD | | |
| | <i>Wireless Cameras with Operator Mounted Monitor</i> | ADD | | |
| | On-Board Storage for Scaling Pick | ADD | | |
| | LED Rotating Beacon with guard | ADD | | |
| Fire Suppression Options | Check Fire Certification | ADD | | |
| | 20 lbs Non-pressurized Hand Held Extinguisher with mount | ADD | | |
| | Crankcase, Coolant, Hydraulic, Transmission and Service Box | ADD | | |

600 volt 100hp Hydraulic Package. 47 GPM

| | | | | | |
|----------------------------------|---|-----|--|--|--------------------------|
| | Rear Deck Mounted | ADD | | | |
| Emergency Engine Shutdown | Emergency Engine Shutdown with alarm | ADD | | | |
| Documentation | Engineered lift points and Rigging and lowering diagrams/drawings | ADD | | | |
| | Engineered stamped and certified lowering drawings | ADD | | | |
| Miscellaneous Accessories | | | | | |
| | Additional commercial manuals per set | ADD | | | |
| | | | | | Total Optional Equipment |
| | | | | | Total List Price |

| Training & Assembly | | Price / Day | Days | Total |
|--|---|--------------------|-------------|--------------|
| | 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 per day per technician | ADD | | |
| | Travel Expenses Estimated (Air & Car Rental) | ADD | | |
| | Lodging expenses | ADD | | |
| Total Estimated On-Site Technical Fees | | | | |