



**CMC**  
THE SPECIALIST

**CMC 50F**

**TECHNICAL DATA SPECSHEET**





## AERIAL | STANDARD

- 50 ft Working height
- Up to 28' 6" lateral reach
- Single section lower boom (pantograph)
- Triple telescopic upper boom
- 90° Independently articulating jib
- 356° non-continuous boom rotation



## OUTRIGGERS | STANDARD

- Live hydraulic independent outrigger controls on the chassis for manual leveling
- Bubble level
- Inclinator



## CHASSIS | STANDARD

- Live hydraulic boom controls on the chassis and in the basket and outrigger live outrigger functions on the chassis
- Remote connection kit (All Access can connect to machine remotely if unsecured WiFi is shared with machine)
- Wired remote control for track drive



## TRACKS | STANDARD

- Black rubber tracks (set)
- Vertically and horizontally manual adjustable tracks
- Ability to raise basket & jib up out of the way while driving the tracks



## POWER | STANDARD

- Honda iGX390 gasoline engine (replaces the Honda gasoline engine GX390) air-cooled 4-stroke OHV, 11.7 HP @3,600 rpm
- Auxiliary 120A 20A plug-in electric. This is not a battery system. With this system, you can plug the machine in and use it on 100% AC electric power. This is in addition to the combustion engine.
- 120V Battery charger



## PLATFORM | STANDARD

- Removable two man aluminum basket with rounded outer corners for better versatility. Size is 55" long x 27.5" wide x 43.3" high. Optional: single man basket (31.5" L x 23.6" W x 43.3" H) in lieu of the two man basket at no charge.
- High pressure air/water hoses routed internally from the ground to the basket - 2900PSI
- "Dead-man" safety foot-pedal



## OTHER | STANDARD

- 1 & 3 years warranty, 1 yr "bumper to bumper" and 3 yrs on certain components. Unlimited use hours.
- Detailed owners maintenance and use manual, including parts and service diagrams
- One (1) Fall arrest safety harness





## CHASSIS | OPTIONAL

- Travel alarm
- Warning light
- 1 Custom paint color: Choice of more than 200 colors.  
\*No fluorescent or metallic colors\*
- 2 Custom paint colors: Choice of more than 200 colors.  
\*No fluorescent or metallic colors\*



## TRACKS | OPTIONAL

- Non-marking grey tracks (replaces the standard black tracks)
- Track socks



## POWER | OPTIONAL

- Yanmar Diesel Engine L100N6CF1T1AA (replaces the Honda gasoline engine iGX390)
- Full lithium battery power (160A 48V) with built in electric charger (replaces Honda gasoline engine)
- Hybrid: Honda gas engine + 160ah lithium batteries
- 12V Battery backup electric pump (intermittently use the 12V battery to operate all functions)



## PLATFORM STATION | OPTIONAL

- 120V Electric outlet in basket with extension cord through the booms
- Basket rotation (+/-90°)
- Removable single man made in USA 24" x 24" fiberglass basket equipped with basket quick connect bracket, replacing the standard basket
- Additional basket: Removable single man aluminum basket 31.5" L x 23.6" W x 43.3" H (this is in addition to the standard two man aluminum basket) basket support with wheels for easy handling is included
- Additional basket: Removable single man fiberglass basket 31.5" L x 23.6" W x 43.3" H (this is in addition to the standard two man aluminum basket) basket support with wheels for easy handling is included.
- Additional basket: Removable two man fiberglass basket 47.2" L x 23.6" W x 43.3" H (this is in addition to the standard two man aluminum basket) basket support with wheels for easy handling is included



## OTHER | OPTIONAL

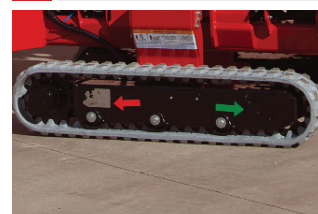
- Biodegradable hydraulic fluid (non-toxic, natural fluid. For extreme cold or sensitive locations)
- Ratchet straps (each. 4 are already included)
- Additional fall arrest aerial lift harness and lanyard kit including storage bag
- Double track drive speed (Honda engine only)
- Automatic Self-Leveling with Radio Remote Control
- Specially designed outrigger pads (each)
- Set of 4 cavity outrigger pads



### LITHIUM ION BATTERIES



### NON-MARKING TRACKS



### 120V 20A ELECTRIC MOTOR



### CUSTOM PAINT COLORS





## TECHNICAL SPECIFICATIONS

### PERFORMANCE

Maximum working height	50'
Maximum side reach unrestricted	28' 6"
Maximum basket capacity with standard basket	441 lbs
Moveable Jib articulating range	90°
Turret rotation range	+/-356°
Maximum slope to stabilize (deployment)	17° (31%)
Height / Width tracks adjustment	31" - 46"
Maximum slope approach angle / slope	28° (53%)
Gradeability -- max. travel angle / slope*	18° (32%)
Maximum crawler travel speed**	0 - 2.2 ft/s

### DIMENSIONS

Basket height (basket is removable, variations available)	43"
Basket width	27"
Basket length	48"
Total length	17' 5"
Length without basket	15'
Height in transport position	76"
Height in transport position (with tracks extended)	90"
Total width (without basket, tracks in)	32"
Total width (without basket, tracks extended)	41"
Free height from the ground	12"
Tracks (LxW)	62" x 7"
Outrigger spread length	12' 3"
Outrigger spread width	10' 2"
Outrigger foot diameter	7"

### WEIGHT

Total weight	5,180 lbs
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### POWER

Honda iGX390 gas engine	11.6 HP
120V 20A plug in electric motor (included)	
Lithium ion batteries (optional)	

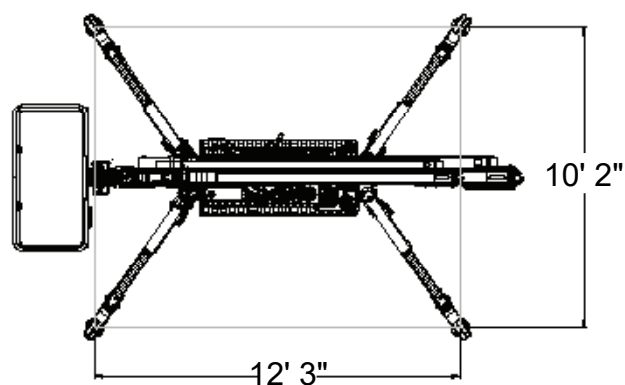
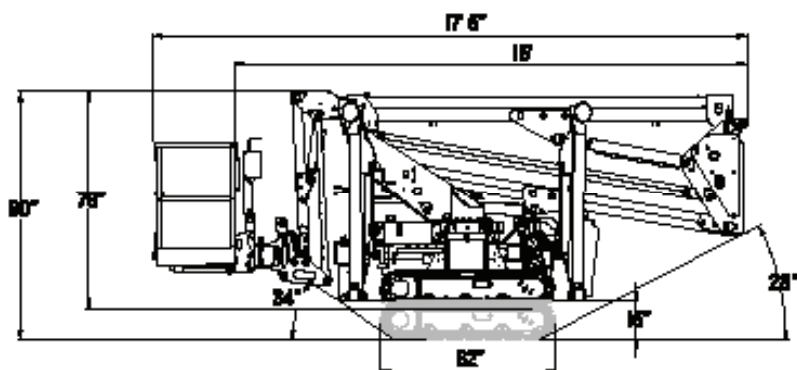
\*Technical specifications are non-binding, in some cases are approximate, and are subject to change.





## DIAGRAMS

\*Measurements are in feet and inches



**50F**

### Reach Diagram

