

Your Critical Lift Experts

## 

## **4K Mobilstack**

4,000 LB. High Density Stacker Crane System Specification

Capacity:   2 tons (4000 lbs.)     Span:   Standard up to 28' - 0'; over 28' - 0' consult factory     Hoist Type:   Electric Chain (HMI Class H3 rated)     Chain Bucket:   Included by ACECO     Hoisting Speed:   23/5 FPM 2 speed (manually reprogrammable)     Mast Rotate:   2 RPM Max. Single speed variable (manually reprogrammable)     Bridge Speed:   7.5 - 75 FPM 2 speed (manually reprogrammable)     Hoist Brakes:   Dual mounted on frok assembly prevents drop of load should hoist or hoist chain fail     Bridge Brakes:   Dual mounted on frok assembly prevents drop of load should hoist or hoist chain fail     Bridge Motor:   (2) 1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Trolley Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous,		
hoist Type: Electric Chain (HMI Class H3 rated) Chain Bucket: Included by ACECO Hoisting Speed: 23/8 FPM 2 speed (manually reprogrammable) Trolley Speed: 6 - 25 FPM 2 speed (manually reprogrammable) Bridge Speed: 7.5 - 75 FPM 2 speed (manually reprogrammable) Hoist Brakes: AC Disc type plus Weston mechanical load brake Fail Safe Brake: Dual mounted on fork assembly prevents drop of load should hoist or hoist chain fail Bridge Brakes: DC Disc type Hoist Brakes: DC Disc type plus Weston mechanical load brake Fail Safe Brake: DC Disc type Hoist Motor: 4/1.3 HP, Sq. Cage, TEFC, 30 min., Class B insulation Bridge Motor: 1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation Trolley Motor: 1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation Rack Height: Standard up to 16' - 0"; over 16' - 0" consult factory Fork Length: 30", 36", 42" and 48"; over 48" consult factory Fork Length: 30", 36", 42" and 48"; over 48" consult factory Hormal Included by ACECO Overload Protection: Motor Circuit Included by ACECO Power Supply: 460-3-60 AC (others available) Control Circuit: Included by ACECO Power Supply: 460-3-60 AC (others available) Control Circuit: Included by ACECO Power Supply: 460-3-60 AC (others available) Control Type: Bridge Trolley & Variable adjustable frequency inverter Rotate Control Type: Bridge Trolley & Variable adjustable frequency inverter Rotate Control Type: Bridge Trolley & Variable adjustable frequency inverter Rotate Control Type: Bridge Trolley & Duton station Trolley Conductors: Track type included Bearing Life: 5000 Hrs. L-10 min. (CMAA Class "C" Duty) Paint: I coat of rust inhibiting mirrer I coat of vellow	Capacity:	
Chain Bucket: Included by ACECO Hoisting Speed: 23/8 FPM 2 speed (manually reprogrammable) Trolley Speed: C 5- 5 FPM 2 speed (manually reprogrammable) Mast Rotate: 2 RPM Max. single speed variable (manually reprogrammable) Hoist Brakes: AC Disc type plus Weston mechanical load brake Fail Safe Brake: Dual mounted on fork assembly prevents drop of load should hoist or hoist chain fail Bridge Brakes: DC Disc type Hoist Motor: (2) 1/3 HP, Sq. Cage, TEFC, 30 min., Class B insulation Trolley Motor: (2) 1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation Rotate Motor: 1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation Rotate Motor: 1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation Rotate Motor: 1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation Rotate Motor: 1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation Rotate Motor: 1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation Rotate Motor: 1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation Rotate Motor: 1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation Rotate Motor: 1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation Rotate Motor: 1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation Rotate Motor: 1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation Rotate Motor: 1/4 HP, Sq. Cage, TEFC, Continuous, Class B insulation Rotate Motor: 1/4 HP, Sq. Cage, TEFC, Continuous, Class B insulation Rotate Motor: 1/4 HP, Sq. Cage, TEFC, Continuous, Class B (Tactory Fork Length: 500 AC (others available) Control Crucit Included by ACECO Forte: 100 LVA.C. Fused Hoist & Rotate Full magnetic in NEMA 12 enclosure Control Type: Bridge Trolley & Variable adjustable frequency inverter Rotate Control Type: Bridge Trolley & Variable adjustable frequency inverter Rotate Control Type: Bridge Bumpers: Energy absorbing rubber mounted to runway rails Operator Stations: Fixed 10 button station Trolley Conductors: Track type included Bearing Life: 5000 Hrs. L-10 min. (CMAA Class "C" Duty) Paint: 1 coat of rust inhibiting primer 1 coat of reliow industrial machinery	Span:	Standard up to 28' - 0"; over 28' - 0" consult factory
Hoisting Speed:   23/8 FPM 2 speed (manually reprogrammable)     Mast Rotate:   2 RPM Max. single speed variable (manually reprogrammable)     Bridge Speed:   7.5 - 75 FPM 2 speed (manually reprogrammable)     Hoist Brakes:   AC Disc type plus Weston mechanical load brake     Fail Safe Brake:   Dual mounted on fork assembly prevents drop of load should hoist or hoist chain fail     Bridge Brakes:   DC Disc type     Hoist Motor:   (2) 1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Bridge Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotte Motor:   1/4 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotte Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotte Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotte Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotte Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotte Motor Circuit:   Included by ACECO     Overload Protection:   Motor Circuit:     Included by ACECO   Power Supply:     Control Circuit:   110 V.A.C. Fused     Hoist & Rotate   Full magnetic in NEMA 12 enclosure     Control Type:   Bridge Control Type:	Hoist Type:	Electric Chain (HMI Class H3 rated)
Trolley Speed:   6 - 25 FPM 2 speed (manually reprogrammable)     Mast Rotate:   2 RPM Max. single speed variable (manually reprogrammable)     Bridge Speed:   7.5 - 75 FPM 2 speed (manually reprogrammable)     Hoist Brakes:   AC Disc type plus Weston mechanical load brake     Fail Safe Brake:   Du mounted on fork assembly prevents drop of load should hoist or hoist chain fail     Bridge Brakes:   DC Disc type     Hoist Motor:   (4) 1.3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Bridge Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B     Control Type:   Thermal   Included by ACECO     Power Supply:   460-3-60 AC (others available)   Control Type:     Bridge, Trolley &   Variable adjustable frequency inverter   Rotae     Rotate Control Type:   Frevents over	Chain Bucket:	Included by ACECO
Mast Rotate:     2 RPM Max. single speed variable (manually reprogrammable)       Bridge Speed:     7.5 - 75 FPM 2 speed (manually reprogrammable)       Hoist Brakes:     AC Disc type plus Weston mechanical load brake       Fail Safe Brake:     Dual mounted on fork assembly prevents drop of load should hoist or hoist chain fail       Bridge Brakes:     DC Disc type       Hoist Motor:     (2) 1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation       Bridge Motor:     1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation       Rotate Motor:     1/8 HP, Sq. Cage, TEFC, Continuous, Class B insulation       Rack Height:     Strindard up to 16' - 0'', over 16' - 0'' consult factory       Fork Length:     30'', 36'', 42'' and 48''; over 48''' consult factory       Motor Circuit     Included by ACECO       Power Supply:     460-3-60 AC (others available)       Control Type:     Bridge Travel Limits:       Bridge Travel Limits:     Prevents over travel of bridge motion       Limit Switch     Included       Included     Strindard Strindard       Bridge Bumpers:     Energy absorbing rubber mounted to runway rails       Operator Stations:     Fixed 10 buton station       Trolley Conductors:     Track type included <	Hoisting Speed:	23/8 FPM 2 speed
Bridge Speed:   7.5 - 75 FPM 2 speed (manually reprogrammable)     Hoist Brakes:   AC Disc type plus Weston mechanical load brake     Fail Safe Brakes:   D Disc type     Hoist Motor:   4/1.3 HP, Sq. Cage, TEFC, 30 min., Class B insulation     Bridge Motor:   (2) 1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rack Height:   Standard up to 16' - 0'', over 16' - 0'' consult factory     Fork Length:   30'', 36'', 42'' and 48''; over 48'' consult factory     Thermal   Included by ACECO     Overload Protection:   Motor:     Motor Circuit:   Included by ACECO     Fuses:   Power Supply:     460-3-60 AC (others available)     Control Circuit:   110 V.A.C. Fused     Hoist & Rotate   Full magnetic in NEMA 12 enclosure     Control Type:   Bridge Trolley &     Bridge Trolley &   Variable adjustable frequency inverter     Rotate Control Type:   Bridge Included     Bridge Trolley &   Lincluded     Deriver Stations:   Fixed 10 button station     Trolley Conductors:   Track type included     Bearing Life:   5000 Hrs. L-10 min.	Trolley Speed:	6 - 25 FPM 2 speed (manually reprogrammable)
Hoist Brakes:   AC Disc type plus Weston mechanical load brake     Fail Safe Brakes:   Dc Disc type     Hoist Motor:   4/1.3 HP, Sq. Cage, TEFC, 30 min., Class B insulation     Bridge Brakes:   DC Disc type     Hoist Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/8 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/8 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/8 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/8 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/8 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/8 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Full mounted of 0 <sup>1</sup> 0° 0° consult factory   Vertoad Protection:     Motor Circuit   Included by ACECO     Fuses:   Power Supply:   460-3-60 AC (others available)     Control Circuit:   110 V.A.C. Fused     Poist & Rotate Full magnetic in NEMA 12 enclosure   Pontor     Control Type:   Bridge Travel Limits:   Prevents over travel of bridge motion     Limit Switch   Included by Includ	Mast Rotate:	2 RPM Max. single speed variable (manually reprogrammable)
Fail Safe Brake:   Dual mounted on fork assembly prevents drop of load should hoist or hoist chain fail     Bridge Brakes:   DC Disc type     Hoist Motor:   (/1.3 HP, Sq. Cage, TEFC, 30 min., Class B insulation     Bridge Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/4 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Control Trucit:   Included by ACECO     Fueses:   Included by ACECO     Power Supply:   460-3-60 AC (others available)     Control Type:   Free Hul magnetic in NEMA 12 enclosure     Bridge Travel Limits:   Free Hul magnetic in NEMA 12 enclosure     Bridge Travel Limits:	Bridge Speed:	7.5 - 75 FPM 2 speed (manually reprogrammable)
Bridge Brakes:   DC Disc type     Hoist Motor:   4/1.3 HP, Sq. Cage, TEFC, 30 min., Class B insulation     Bridge Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/8 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/8 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/8 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/8 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/8 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/8 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/8 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Full   30", 36", 42" and 48"; over 48" consult factory     Fork Length:   30", 36", 42" and 48"; over 48" consult factory     Motor Circuit   Included by ACECO     Fuses:   Power Supply:   460-3-60 AC (others available)     Control Circuit:   110 V.A.C. Fused     Hoist & Rotate   Full magnetic in NEMA 12 enclosure     Control Type:   Bridge Travel Limits:   Prevents over travel of bridge motion     Limit Switch	Hoist Brakes:	AC Disc type plus Weston mechanical load brake
Hoist Motor:   4/1.3 HP, Sq. Cage, TEFC, 30 min., Class B insulation     Bridge Motor:   (2) 1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/8 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/8 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rack Height:   Standard up to 16' - 0'' cover 16' - 0'' consult factory     Fork Length:   30'', 36'', 42'' and 48''; over 48'' consult factory     Thermal   Included by ACECO     Overload Protection:   Included by ACECO     Fower Supply:   460-3-60 AC (others available)     Control Circuit:   110 V.A.C. Fused     Hoist & Rotate   Full magnetic in NEMA 12 enclosure     Control Type:   Bridge, Trolley & Variable adjustable frequency inverter     Rotate Control Type:   Bridge Bumpers:     Bridge Bumpers:   Energy absorbing rubber mounted to runway rails     Operator Stations:   Fixed 10 button station     Trolley Countors:   Tack type included     Bearing Life:   5000 Hrs. L-10 min. (CMAA Class "C" Duty)     Paint:   1 coat of yellow industrial machinery enamel     Runway Rails:   30# ASCE type at specified length     Runway Rails:   30# ASCE type at specified length	Fail Safe Brake:	Dual mounted on fork assembly prevents drop of load should hoist or hoist chain fail
Bridge Motor:   (2) 1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Trolley Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/8 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rack Height:   Standard up to 16' - 0"; over 16' - 0" consult factory     Fork Length:   30", 36", 42" and 48"; over 48" consult factory     Thermal   Included by ACECO     Overload Protection:   Included by ACECO     Motor Circuit   Included by ACECO     Fuses:   Power Supply:     460-3-60 AC (others available)   Control Circuit:     Control Circuit:   110 V.A.C. Fused     Hoist & Rotate   Full magnetic in NEMA 12 enclosure     Control Type:   Bridge, Trolley &     Bridge, Trolley &   Variable adjustable frequency inverter     Rotate Control Type:   Included     Bridge Bumpers:   Energy absorbing rubber mounted to runway rails     Operator Stations:   Fixed 10 button station     Trolley Conductors:   Track type included     Bearing Life:   5000 Hrs. L-10 min. (CMAA Class "C" Duty)     Paint:   1 coat of rust inhibiting primer     1 coat of yellow industrial machinery enamel     Run	Bridge Brakes:	DC Disc type
Bridge Motor:   (2) 1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Trolley Motor:   1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rotate Motor:   1/8 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rack Height:   Standard up to 16' - 0"; over 16' - 0" consult factory     Fork Length:   30", 36", 42" and 48"; over 48" consult factory     Thermal   Included by ACECO     Overload Protection:   Included by ACECO     Motor Circuit   Included by ACECO     Fuses:   Power Supply:     460-3-60 AC (others available)   Control Circuit:     Control Circuit:   110 V.A.C. Fused     Hoist & Rotate   Full magnetic in NEMA 12 enclosure     Control Type:   Bridge, Trolley &     Bridge, Trolley &   Variable adjustable frequency inverter     Rotate Control Type:   Included     Bridge Bumpers:   Energy absorbing rubber mounted to runway rails     Operator Stations:   Fixed 10 button station     Trolley Conductors:   Track type included     Bearing Life:   5000 Hrs. L-10 min. (CMAA Class "C" Duty)     Paint:   1 coat of rust inhibiting primer     1 coat of yellow industrial machinery enamel     Run	Hoist Motor:	4/1.3 HP, Sq. Cage, TEFC, 30 min., Class B insulation
Rotate Motor:   1/8 HP, Sq. Cage, TEFC, Continuous, Class B insulation     Rack Height:   Standard up to 16' - 0"; over 16' - 0" consult factory     Fork Length:   30", 36", 42" and 48"; over 48" consult factory     Thermal   Included by ACECO     Overload Protection:   Included by ACECO     Fuses:   Included by ACECO     Control Circuit:   Included by ACECO     Fork Length:   30", 42", 450-3-60 AC (others available)     Control Circuit:   110 V.A.C. Fused     Hoist & Rotate   Full magnetic in NEMA 12 enclosure     Control Type:   Bridge, Trolley &     Bridge Trolley &   Variable adjustable frequency inverter     Rotate Control Type:   Bridge Trolley &     Bridge Bumpers:   Fixed 10 button station     Toperst Stations:   Fixed 10 button station     Trolley Conductors:   Track type included     Bearing Life:   5000 Hrs. L-10 min. (CMA Class "C" Duty)     Paint:   1 coat of rust inhibiting primer     1 coat of rust inhibiting primer   1	Bridge Motor:	
Rack Height:   Standard up to 16' - 0"; over 16' - 0" consult factory     Fork Length:   30", 36", 42" and 48"; over 48" consult factory     Thermal   Included by ACECO     Overload Protection:   Included by ACECO     Power Supply:   460-3-60 AC (others available)     Control Circuit:   110 V.A.C. Fused     Hoist & Rotate   Full magnetic in NEMA 12 enclosure     Control Type:   Bridge, Trolley &     Bridge, Trolley &   Variable adjustable frequency inverter     Rotate Control Type:   Included     Bridge, Travel Limits:   Prevents over travel of bridge motion     Limit Switch   Included     Trippers:   Bridge Inack type included     Bearing Life:   5000 Hrs. L-10 min. (CMAA Class "C" Duty)     Paint:   1 coat of rust inhibiting primer     1 coat of yellow industrial machinery enamel   Runway Collector     Runway Collector   Included by ACECO     Shoe:   Runway   4-bar conductor system     Electrification:   Included by ACECO     Shoe:   Runway   4-bar conductor system     Electrification:   Included by ACECO     Shoe:   Runway:   Included (prior	Trolley Motor:	1/3 HP, Sq. Cage, TEFC, Continuous, Class B insulation
Fork Length:   30", 36", 42" and 48"; over 48" consult factory     Thermal   Included by ACECO     Overload Protection:   Included by ACECO     Fuses:   Included by ACECO     Forses:   Power Supply:     460-3-60 AC (others available)   Control Circuit:     Control Circuit:   110 V.A.C. Fused     Hoist & Rotate   Full magnetic in NEMA 12 enclosure     Control Type:   Bridge, Trolley &     Bridge, Trolley &   Variable adjustable frequency inverter     Rotate Control Type:   Bridge Travel Limits:     Bridge Travel Limits:   Prevents over travel of bridge motion     Limit Switch   Included     Torlley Conductors:   Track type included     Bearing Life:   5000 Hrs. L-10 min. (CMAA Class "C" Duty)     Paint:   1 coat of rust inhibiting primer     1 coat of rust inhibiting primer   1 coat of rust inhibiting primer     1 coat of yellow industrial machinery enamel     Runway Rails:   30# ASCE type at specified length     Runway   4-bar conductor system     Electrification:   Installation,     Installation,   Three (3) included     Operation &   Maintenance	Rotate Motor:	1/8 HP, Sq. Cage, TEFC, Continuous, Class B insulation
Fork Length:   30", 36", 42" and 48"; over 48" consult factory     Thermal   Included by ACECO     Overload Protection:   Included by ACECO     Fuses:   Included by ACECO     Forses:   Power Supply:     460-3-60 AC (others available)   Control Circuit:     Control Circuit:   110 V.A.C. Fused     Hoist & Rotate   Full magnetic in NEMA 12 enclosure     Control Type:   Bridge, Trolley &     Bridge, Trolley &   Variable adjustable frequency inverter     Rotate Control Type:   Bridge Travel Limits:     Bridge Travel Limits:   Prevents over travel of bridge motion     Limit Switch   Included     Torlley Conductors:   Track type included     Bearing Life:   5000 Hrs. L-10 min. (CMAA Class "C" Duty)     Paint:   1 coat of rust inhibiting primer     1 coat of rust inhibiting primer   1 coat of rust inhibiting primer     1 coat of yellow industrial machinery enamel     Runway Rails:   30# ASCE type at specified length     Runway   4-bar conductor system     Electrification:   Installation,     Installation,   Three (3) included     Operation &   Maintenance	Rack Height:	
Thermal   Included by ACECO     Overload Protection:   Included by ACECO     Fuses:   Included by ACECO     Power Supply:   460-3-60 AC (others available)     Control Circuit:   110 V.A.C. Fused     Hoist & Rotate   Full magnetic in NEMA 12 enclosure     Control Type:   Bridge, Trolley &     Bridge, Trolley &   Variable adjustable frequency inverter     Rotate Control Type:   Bridge arravel Limits:     Bridge Travel Limits:   Prevents over travel of bridge motion     Limit Switch   Included     Trippers:   Bridge Bumpers:     Bridge Jonductors:   Track type included     Bearing Life:   5000 Hrs. L-10 min. (CMAA Class "C" Duty)     Paint:   1 coat of rust inhibiting primer     1 coat of rust inhibiting primer   1 coat of rust inhibiting primer     1 coat of rust inhibiting primer   1 coat of rust inhibiting primer     1 coat of sylelow industrial machinery enamel   Runway Collector     Shoe:   Included by ACECO     Runway   4-bar conductor system     Electrification:   Included (prior to shipment)     Installation,   Three (3) included     Operation & <td>Fork Length:</td> <td></td>	Fork Length:	
Motor Circuit     Included by ACECO       Fuses:     Power Supply:     460-3-60 AC (others available)       Control Circuit:     110 V.A.C. Fused       Hoist & Rotate     Full magnetic in NEMA 12 enclosure       Control Type:     Bridge, Trolley &       Bridge, Trolley &     Variable adjustable frequency inverter       Rotate Control Type:     Bridge Travel Limits:       Bridge Travel Limits:     Prevents over travel of bridge motion       Limit Switch     Included       Trippers:     Bridge Bumpers:       Bridge Bumpers:     Energy absorbing rubber mounted to runway rails       Operator Stations:     Fixed 10 button station       Trolley Conductors:     Track type included       Bearing Life:     5000 Hrs. L-10 min. (CMAA Class "C" Duty)       Paint:     1 coat of rust inhibiting primer       1 coat of vellow industrial machinery enamel     Runway Rails:       Runway Collector     Included by ACECO       Shoe:     Included by ACECO       Runway     4-bar conductor system       Electrification:     Included (prior to shipment)       Installation,     Three (3) included       Operation & <td></td> <td></td>		
Fuses:   460-3-60 AC (others available)     Control Circuit:   110 V.A.C. Fused     Hoist & Rotate   Full magnetic in NEMA 12 enclosure     Control Type:   Bridge, Trolley &     Bridge, Trolley &   Variable adjustable frequency inverter     Rotate Control Type:   Bridge Travel Limits:     Bridge Travel Limits:   Prevents over travel of bridge motion     Limit Switch   Included     Trippers:   Bridge Bumpers:     Bridge Bumpers:   Energy absorbing rubber mounted to runway rails     Operator Stations:   Fixed 10 button station     Trolley Conductors:   Track type included     Bearing Life:   5000 Hrs. L-10 min. (CMAA Class "C" Duty)     Paint:   1 coat of rust inhibiting primer     1 coat of yellow industrial machinery enamel   Runway Collector     Runway Collector   Included by ACECO     Shoe:   Included prior to system     Electrification:   Included (prior to shipment)     Bridge Construction:   Top Running Double Girder with wide flange beams, welded construction. Rolled structural end trucks with guide rollers.     Bridge Wheels:   Upper wheels are 9" diameter with roller bearings and pressure grease fittings. Wheels provide minimal friction and maximum load stabi	Overload Protection:	
Control Circuit:   110 V.A.C. Fused     Hoist & Rotate   Full magnetic in NEMA 12 enclosure     Control Type:   Bridge, Trolley &     Variable adjustable frequency inverter     Rotate Control Type:     Bridge, Trolley &     Variable adjustable frequency inverter     Rotate Control Type:     Bridge Travel Limits:     Prevents over travel of bridge motion     Limit Switch     Included     Trippers:     Bridge Bumpers:     Energy absorbing rubber mounted to runway rails     Operator Stations:     Track type included     Bearing Life:   5000 Hrs. L-10 min. (CMAA Class "C" Duty)     Paint:   1 coat of rust inhibiting primer     1 coat of yellow industrial machinery enamel     Runway Rails:   30# ASCE type at specified length     Runway Collector   Included by ACECO     Shoe:   Included     Runway   4-bar conductor system     Electrification:   Included (prior to shipment)     Bridge Construction:   Top Running Double Girder with wide flange beams, welded construction. Rolled structural end trucks with guide rollers.     Bridge Wheels:   Upper wheels are 9" diameter wi		Included by ACECO
Control Circuit:   110 V.A.C. Fused     Hoist & Rotate   Full magnetic in NEMA 12 enclosure     Control Type:   Bridge, Trolley &     Variable adjustable frequency inverter     Rotate Control Type:     Bridge, Trolley &     Variable adjustable frequency inverter     Rotate Control Type:     Bridge Travel Limits:     Prevents over travel of bridge motion     Limit Switch     Included     Trippers:     Bridge Bumpers:     Energy absorbing rubber mounted to runway rails     Operator Stations:     Track type included     Bearing Life:   5000 Hrs. L-10 min. (CMAA Class "C" Duty)     Paint:   1 coat of rust inhibiting primer     1 coat of yellow industrial machinery enamel     Runway Rails:   30# ASCE type at specified length     Runway Collector   Included by ACECO     Shoe:   Included     Runway   4-bar conductor system     Electrification:   Included (prior to shipment)     Bridge Construction:   Top Running Double Girder with wide flange beams, welded construction. Rolled structural end trucks with guide rollers.     Bridge Wheels:   Upper wheels are 9" diameter wi	1	460-3-60 AC (others available)
Hoist & Rotate Control Type:   Full magnetic in NEMA 12 enclosure     Bridge, Trolley & Rotate Control Type:   Variable adjustable frequency inverter     Bridge Travel Limits:   Prevents over travel of bridge motion     Limit Switch   Included     Trippers:   Energy absorbing rubber mounted to runway rails     Operator Stations:   Fixed 10 button station     Trolley Conductors:   Track type included     Bearing Life:   5000 Hrs. L-10 min. (CMAA Class "C" Duty)     Paint:   1 coat of rust inhibiting primer     1 coat of yellow industrial machinery enamel     Runway Rails:   30# ASCE type at specified length     Runway Collector   Included by ACECO     Shoe:   Runway     4-bar conductor system     Electrification:   Included (prior to shipment)     Bridge Construction:   Top Running Double Girder with wide flange beams, welded construction. Rolled structural end trucks with guide rollers.     Bridge Wheels:   Upper wheels are 9" diameter with roller bearings and pressure grease fittings. Wheels provide minimal friction and maximum load stability. The lower wheel treads are fabricated from a high strength polymer to provide maximum durability		
Control Type:Variable adjustable frequency inverterBridge, Trolley & Rotate Control Type:Variable adjustable frequency inverterBridge Travel Limits:Prevents over travel of bridge motionLimit SwitchIncludedTrippers:Bridge Bumpers:Energy absorbing rubber mounted to runway railsOperator Stations:Fixed 10 button stationTrolley Conductors:Track type includedBearing Life:5000 Hrs. L-10 min. (CMAA Class "C" Duty)Paint:1 coat of rust inhibiting primer 1 coat of rust inhibiting primer 1 coat of yellow industrial machinery enamelRunway Rails:30# ASCE type at specified lengthRunway CollectorIncluded by ACECOShoe:4-bar conductor systemElectrification:Intree (3) includedInstallation, Operation & Maintenance Manuals:Three (3) includedFunctional Test:Included (prior to shipment)Bridge Construction:Top Running Double Girder with wide flange beams, welded construction. Rolled structural end trucks with guide rollers.Bridge Wheels:Upper wheels are 9" diameter with roller bearings and pressure grease fittings. Wheels provide minimal friction and maximum load stability. The lower wheel treads are fabricated from a high strength polymer to provide maximum durabilityRail Sweep:Mounted on the front of each wheel		Full magnetic in NEMA 12 enclosure
Bridge, Trolley &   Variable adjustable frequency inverter     Rotate Control Type:   Bridge Travel Limits:     Bridge Travel Limits:   Prevents over travel of bridge motion     Limit Switch   Included     Trippers:   Bridge Bumpers:     Bridge Bumpers:   Energy absorbing rubber mounted to runway rails     Operator Stations:   Fixed 10 button station     Trolley Conductors:   Track type included     Bearing Life:   5000 Hrs. L-10 min. (CMAA Class "C" Duty)     Paint:   1 coat of rust inhibiting primer     1 coat of yellow industrial machinery enamel     Runway Rails:   30# ASCE type at specified length     Runway Collector   Included by ACECO     Shoe:   Included by ACECO     Runway   4-bar conductor system     Electrification:   Intree (3) included     Maintenance   Maintenance     Maintenance   Included (prior to shipment)     Bridge Construction:   Top Running Double Girder with wide flange beams, welded construction. Rolled structural end trucks with guide rollers.     Bridge Wheels:   Upper wheels are 9" diameter with roller bearings and pressure grease fittings. Wheels provide minimal friction and maximum load stability. The lower wheel treads are fabricated from a high str	Control Type:	
Rotate Control Type:Bridge Travel Limits:Prevents over travel of bridge motionLimit SwitchIncludedTrippers:Bridge Bumpers:Bridge Bumpers:Energy absorbing rubber mounted to runway railsOperator Stations:Fixed 10 button stationTrolley Conductors:Track type includedBearing Life:5000 Hrs. L-10 min. (CMAA Class "C" Duty)Paint:1 coat of yellow industrial machinery enamelRunway Rails:30# ASCE type at specified lengthRunway CollectorIncluded by ACECOShoe:Included by ACECOShoe:Three (3) includedManuals:Functional Test:Included (prior to shipment)Bridge Construction:Top Running Double Girder with wide flange beams, welded construction. Rolled structural end trucks with guide rollers.Bridge Wheels:Upper wheels are 9" diameter with roller bearings and pressure grease fittings. Wheels are fabricated from a high strength polymer to provide maximum durabilityRail Sweep:Mounted on the front of each wheel		Variable adjustable frequency inverter
Limit Switch   Included     Trippers:   Bridge Bumpers:   Energy absorbing rubber mounted to runway rails     Operator Stations:   Fixed 10 button station     Trolley Conductors:   Track type included     Bearing Life:   5000 Hrs. L-10 min. (CMAA Class "C" Duty)     Paint:   1 coat of rust inhibiting primer     1 coat of yellow industrial machinery enamel     Runway Rails:   30# ASCE type at specified length     Runway Collector   Included by ACECO     Shoe:   Included     Runway   4-bar conductor system     Electrification:   Included (prior to shipment)     Installation,   Operation &     Maintenance   Manuals:     Functional Test:   Included (prior to shipment)     Bridge Construction:   Top Running Double Girder with wide flange beams, welded construction. Rolled structural end trucks with guide rollers.     Bridge Wheels:   Upper wheels are 9" diameter with roller bearings and pressure grease fittings. Wheels provide minimal friction and maximum load stability. The lower wheel treads are fabricated from a high strength polymer to provide maximum durability     Rail Sweep:   Mounted on the front of each wheel		
Trippers:Bridge Bumpers:Energy absorbing rubber mounted to runway railsOperator Stations:Fixed 10 button stationTrolley Conductors:Track type includedBearing Life:5000 Hrs. L-10 min. (CMAA Class "C" Duty)Paint:1 coat of rust inhibiting primer 1 coat of yellow industrial machinery enamelRunway Rails:30# ASCE type at specified lengthRunway CollectorIncluded by ACECOShoe:Asc conductor systemElectrification:Installation, Operation & MaintenanceFunctional Test:Included (prior to shipment)Bridge Construction:Top Running Double Girder with wide flange beams, welded construction. Rolled structural end trucks with guide rollers.Bridge Wheels:Upper wheels are 9" diameter with roller bearings and pressure grease fittings. Wheels provide minimal friction and maximum load stability. The lower wheel treads are fabricated from a high strength polymer to provide maximum durabilityRail Sweep:Mounted on the front of each wheel	Bridge Travel Limits:	Prevents over travel of bridge motion
Bridge Bumpers:   Energy absorbing rubber mounted to runway rails     Operator Stations:   Fixed 10 button station     Trolley Conductors:   Track type included     Bearing Life:   5000 Hrs. L-10 min. (CMAA Class "C" Duty)     Paint:   1 coat of rust inhibiting primer     1 coat of rust inhibiting primer   1 coat of yellow industrial machinery enamel     Runway Rails:   30# ASCE type at specified length     Runway Collector   Included by ACECO     Shoe:   Included by ACECO     Runway   4-bar conductor system     Electrification:   Intree (3) included     Maintenance   Maintenance     Manuals:   Top Running Double Girder with wide flange beams, welded construction. Rolled structural end trucks with guide rollers.     Bridge Wheels:   Upper wheels are 9" diameter with roller bearings and pressure grease fittings. Wheels provide minimal friction and maximum load stability. The lower wheel treads are fabricated from a high strength polymer to provide maximum durability     Rail Sweep:   Mounted on the front of each wheel		Included
Operator Stations:   Fixed 10 button station     Trolley Conductors:   Track type included     Bearing Life:   5000 Hrs. L-10 min. (CMAA Class "C" Duty)     Paint:   1 coat of rust inhibiting primer     1 coat of yellow industrial machinery enamel     Runway Rails:   30# ASCE type at specified length     Runway Collector   Included by ACECO     Shoe:   4-bar conductor system     Electrification:   Installation,     Operation &   Maintenance     Manuals:   Included (prior to shipment)     Bridge Construction:   Top Running Double Girder with wide flange beams, welded construction. Rolled structural end trucks with guide rollers.     Bridge Wheels:   Upper wheels are 9" diameter with roller bearings and pressure grease fittings. Wheels provide minimal friction and maximum load stability. The lower wheel treads are fabricated from a high strength polymer to provide maximum durability     Rail Sweep:   Mounted on the front of each wheel	1	
Trolley Conductors:   Track type included     Bearing Life:   5000 Hrs. L-I0 min. (CMAA Class "C" Duty)     Paint:   1 coat of rust inhibiting primer     1 coat of yellow industrial machinery enamel     Runway Rails:   30# ASCE type at specified length     Runway Collector   Included by ACECO     Shoe:   4-bar conductor system     Electrification:   Installation,     Operation &   Maintenance     Manuals:   Included (prior to shipment)     Bridge Construction:   Top Running Double Girder with wide flange beams, welded construction. Rolled structural end trucks with guide rollers.     Bridge Wheels:   Upper wheels are 9" diameter with roller bearings and pressure grease fittings. Wheels provide minimal friction and maximum load stability. The lower wheel treads are fabricated from a high strength polymer to provide maximum durability     Rail Sweep:   Mounted on the front of each wheel		Energy absorbing rubber mounted to runway rails
Bearing Life:   5000 Hrs. L-10 min. (CMAA Class "C" Duty)     Paint:   1 coat of rust inhibiting primer     1 coat of yellow industrial machinery enamel     Runway Rails:   30# ASCE type at specified length     Runway Collector   Included by ACECO     Shoe:   4-bar conductor system     Electrification:   Installation,     Operation &   Three (3) included     Maintenance   Manuals:     Functional Test:   Included (prior to shipment)     Bridge Construction:   Top Running Double Girder with wide flange beams, welded construction. Rolled structural end trucks with guide rollers.     Bridge Wheels:   Upper wheels are 9" diameter with roller bearings and pressure grease fittings. Wheels provide minimal friction and maximum load stability. The lower wheel treads are fabricated from a high strength polymer to provide maximum durability     Rail Sweep:   Mounted on the front of each wheel		
Paint:   1 coat of rust inhibiting primer     1 coat of yellow industrial machinery enamel     Runway Rails:   30# ASCE type at specified length     Runway Collector   Included by ACECO     Shoe:   4-bar conductor system     Electrification:   Installation,     Installation,   Three (3) included     Operation &   Maintenance     Manuals:   Included (prior to shipment)     Bridge Construction:   Top Running Double Girder with wide flange beams, welded construction. Rolled structural end trucks with guide rollers.     Bridge Wheels:   Upper wheels are 9" diameter with roller bearings and pressure grease fittings. Wheels provide minimal friction and maximum load stability. The lower wheel treads are fabricated from a high strength polymer to provide maximum durability     Rail Sweep:   Mounted on the front of each wheel	· · ·	
1 coat of yellow industrial machinery enamelRunway Rails:30# ASCE type at specified lengthRunway CollectorIncluded by ACECOShoe:-bar conductor systemElectrification:-bar conductor systemInstallation,Three (3) includedOperation & Maintenance Manuals:-bar conductor to shipment)Frunctional Test:Included (prior to shipment)Bridge Construction:Top Running Double Girder with wide flange beams, welded construction. Rolled structural end trucks with guide rollers.Bridge Wheels:Upper wheels are 9" diameter with roller bearings and pressure grease fittings. Wheels provide minimal friction and maximum load stability. The lower wheel treads are fabricated from a high strength polymer to provide maximum durabilityRail Sweep:Mounted on the front of each wheel	Bearing Life:	
Runway Rails:   30# ASCE type at specified length     Runway Collector   Included by ACECO     Shoe:   4-bar conductor system     Electrification:   1     Installation,   Three (3) included     Operation &   Maintenance     Manuals:   1     Functional Test:   Included (prior to shipment)     Bridge Construction:   Top Running Double Girder with wide flange beams, welded construction. Rolled structural end trucks with guide rollers.     Bridge Wheels:   Upper wheels are 9" diameter with roller bearings and pressure grease fittings. Wheels provide minimal friction and maximum load stability. The lower wheel treads are fabricated from a high strength polymer to provide maximum durability     Rail Sweep:   Mounted on the front of each wheel	Paint:	
Runway Collector   Included by ACECO     Shoe:   4-bar conductor system     Electrification:   Installation,     Installation,   Three (3) included     Operation &   Maintenance     Manuals:   Included (prior to shipment)     Frunctional Test:   Included (prior to shipment)     Bridge Construction:   Top Running Double Girder with wide flange beams, welded construction. Rolled structural end trucks with guide rollers.     Bridge Wheels:   Upper wheels are 9" diameter with roller bearings and pressure grease fittings. Wheels provide minimal friction and maximum load stability. The lower wheel treads are fabricated from a high strength polymer to provide maximum durability     Rail Sweep:   Mounted on the front of each wheel		
Shoe:		
Electrification:   Installation,     Installation,   Three (3) included     Operation &   Maintenance     Maintenance   Maintenance     Manuals:   Functional Test:     Functional Test:   Included (prior to shipment)     Bridge Construction:   Top Running Double Girder with wide flange beams, welded construction. Rolled structural end trucks with guide rollers.     Bridge Wheels:   Upper wheels are 9" diameter with roller bearings and pressure grease fittings. Wheels provide minimal friction and maximum load stability. The lower wheel treads are fabricated from a high strength polymer to provide maximum durability     Rail Sweep:   Mounted on the front of each wheel	/	Included by ACECO
Installation,   Three (3) included     Operation &   Maintenance     Maintenance   Manuals:     Functional Test:   Included (prior to shipment)     Bridge Construction:   Top Running Double Girder with wide flange beams, welded construction. Rolled structural end trucks with guide rollers.     Bridge Wheels:   Upper wheels are 9" diameter with roller bearings and pressure grease fittings. Wheels provide minimal friction and maximum load stability. The lower wheel treads are fabricated from a high strength polymer to provide maximum durability     Rail Sweep:   Mounted on the front of each wheel		4-bar conductor system
Bridge Construction:   Top Running Double Girder with wide flange beams, welded construction. Rolled structural end trucks with guide rollers.     Bridge Wheels:   Upper wheels are 9" diameter with roller bearings and pressure grease fittings. Wheels provide minimal friction and maximum load stability. The lower wheel treads are fabricated from a high strength polymer to provide maximum durability     Rail Sweep:   Mounted on the front of each wheel	Installation, Operation & Maintenance	Three (3) included
structural end trucks with guide rollers.     Bridge Wheels:   Upper wheels are 9" diameter with roller bearings and pressure grease fittings. Wheels provide minimal friction and maximum load stability. The lower wheel treads are fabricated from a high strength polymer to provide maximum durability     Rail Sweep:   Mounted on the front of each wheel	Functional Test:	Included (prior to shipment)
Bridge Wheels:Upper wheels are 9" diameter with roller bearings and pressure grease fittings. Wheels provide minimal friction and maximum load stability. The lower wheel treads are fabricated from a high strength polymer to provide maximum durabilityRail Sweep:Mounted on the front of each wheel	Bridge Construction:	
Rail Sweep: Mounted on the front of each wheel	Bridge Wheels:	Upper wheels are 9" diameter with roller bearings and pressure grease fittings. Wheels provide minimal friction and maximum load stability. The lower wheel treads are
	Rail Sweep:	
IT OLEY CONSULUCION, ISLEED VILLE WILL TOUL INLEGIAL NATIOES TO ASSURE ACCURATE TURNABLE INTEGRATION		Steel plate with four integral flanges to assure accurate turntable integration

## **Corporate Headquarters**

Service, Parts & Standard Cranes

531 Old Swede Road, Douglassville, PA 19518 USA Toll Free 1-877-877-6778 | Tel: 610-385-6061 | Fax: 610-385-3191

1440 Ben Franklin Hwy, Douglassville, PA 19518 USA Toll Free 1-877-503-2972 | Tel: 484-945-0420 | Fax: 484-945-0431

Trolley Wheels:	5" diameter with ball bearings
Trolley Guides:	1 1/4" diameter guide rollers to prevent trolley kick-up during lifting operations
Mast Construction:	Welded 6" channels, separated with ladder cross members. Each channel contains a steel guide bar welded inside to accommodate fork travel
Turntable:	360 degree high capacity rotary bearing
Fork Rollers:	(4) 2" diameter crowned cam roller with pressure grease fittings, designed to ride on inboard high strength steel guide bars to distribute the load of the fork frame.
Mast Stabilizer	(4) 3/4 " cam rollers to provide lateral stability of fork frame
Protective Canopy	Enclosed steel angle frame with 45-degree corners bolted to mast.
Operator View Port	16" x 14 1/2" Plexiglas viewing area for un obstructed visibility.
Lights:	(2) 150 Watt reflector flood lamps controlled by power on/off switch; 115 volt light circuit.
Chain Load Stability:	5 pocket load sheave to insure that the chain does not slip
Hoist Brake:	Motor mounted multiple disc type holding brake, mechanical load brake, plus regenerative control braking
Load Chain:	High strength, Grade 80, electroplated with zinc
Hoist Gearbox:	Hardened, precision alloy steel helical gearing
Travel Drive Gear Cases:	Totally enclosed units with helical gears operating in oil bath. Gear material fabricated from SAE 8620 drop forgings, with a finished up to and including AGMA Class 12. All gears are heat treated to 58-60 Rc.
Electrical Panel:	Custom designed and engineered in accordance with all applicable codes including CMAA, OSHA, and NEC. Panel and interconnection wiring shall be type XHHW. Wiring size shall be #14 AWG minimum for power and #16 AWG for control. Wiring in the panel is labeled to match the custom engineered/job specific wiring diagram, utilizing computer generated "Brady" style markers.

**Corporate Headquarters** 531 Old Swede Road, Douglassville, PA 19518 USA Toll Free 1-877-877-6778 | Tel: 610-385-6061 | Fax: 610-385-3191 Toll Free 1-877-503-2972 | Tel: 484-945-0420 | Fax: 484-945-0431

Service, Parts & Standard Cranes 1440 Ben Franklin Hwy, Douglassville, PA 19518 USA