

# CORMAGH

Quality Management  
ISO 9001

[www.dekra-seal.com](http://www.dekra-seal.com)



# 19500 E

A.S.C.



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# ... ABOUT ANCIENT

# EGYPT MANUSCRIPTS



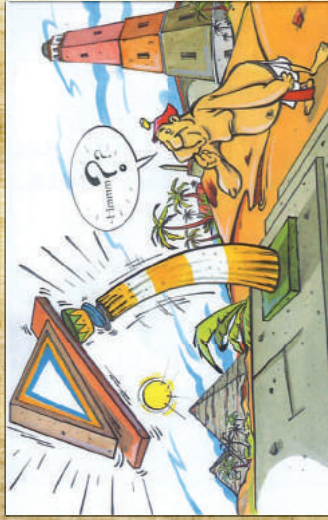
KRAMKAMON, PHARAOH OF EGYPT, DREAMED ABOUT HIS PYRAMID. THAT IN HIS INTENT, SHOULD BECOME THE BIGGEST EVER BUILT.

\* Phew! What hard work. Is it possible that anybody can think of a better pushing system?!



THE BUILDING PROCESS WAS SLOW BEING HIS RESOURCES LIMITED TO SLAVES AND MATERIAL.

\* But why is it such hard work using only one support?!



THE PHARAOH LIVED A SHORT AND HARD LIFE AND THE KRAMKAMON PYRAMIDS REMAINED A DREAM.

\* There is something illogical in this system. The offset boom unbalances the structure.



LATER THE PHARAOH DECIDED TO BUILD AN OBELISK WITH HIS IMAGE ON TOP.

Why is the structure so tall? It cannot carry the weight of my statue!



PHARAOH CORMISES, YEARS LATER, DREAMED THE SAME DREAM, OF THE BIGGEST PYRAMID BEING HIS OWN.

\* Here is the solution: Cormach system with roller bearings, faster and more efficient.



BEING OLD HE DECIDED TO FINISH KRAMKAMON WORK, BUT HE NEEDED SOMETHING TO SPEED THE WORK UP.

\* Here is the solution: Cormach system with double mast and double lifting cylinders.



CORMISES DREAM CAME THROUGH AND HIS PYRAMID WILL STAND FOR EVER.

\* Here is the solution: Cormach boom in central position makes the structure more balanced. Excellent.



MANY YEARS LATER CORMISES BUILT HIS OBELISK WITH HIS STATUE ON FOR ALL THE PEOPLE TO SEE HIS IMAGE FOR YEARS TO COME.

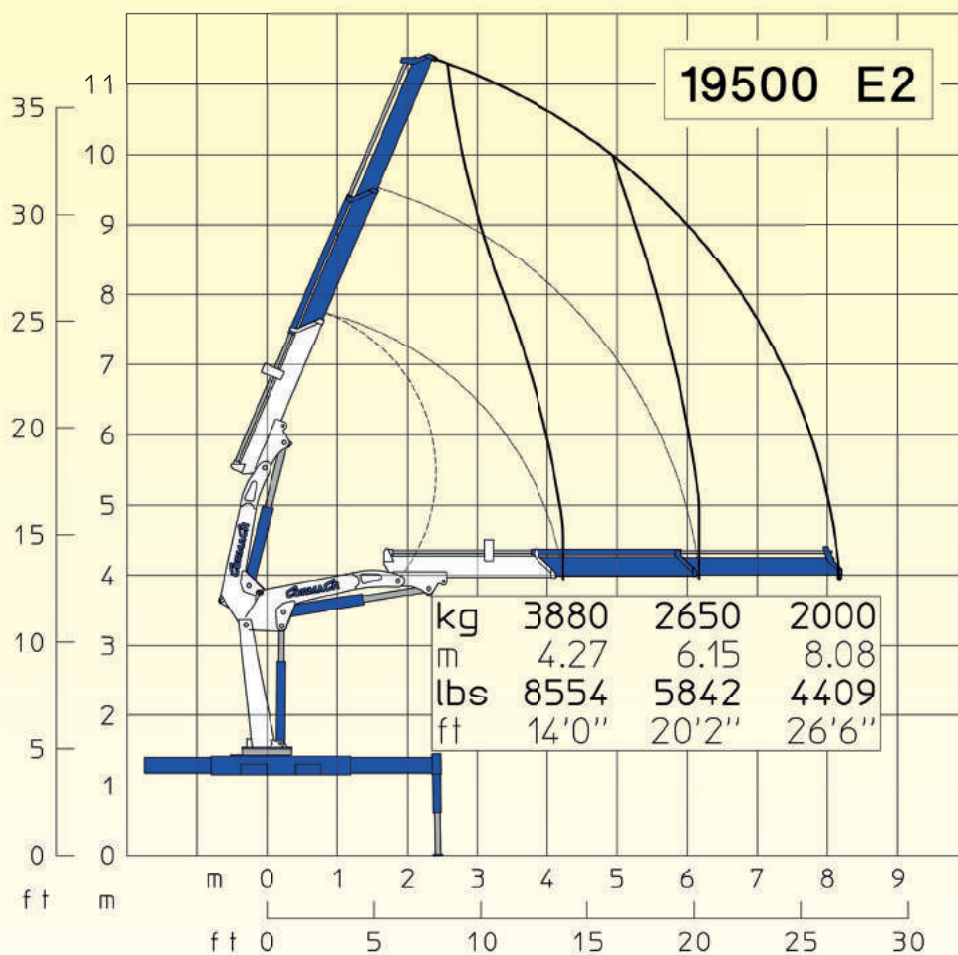
\* Amazing!! the balanced structure can support a much heavier load!!

END

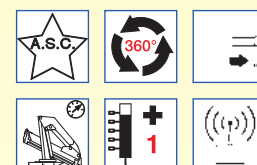
19500 E A.S.C.

GORMAGH

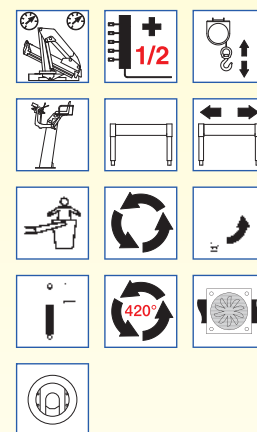




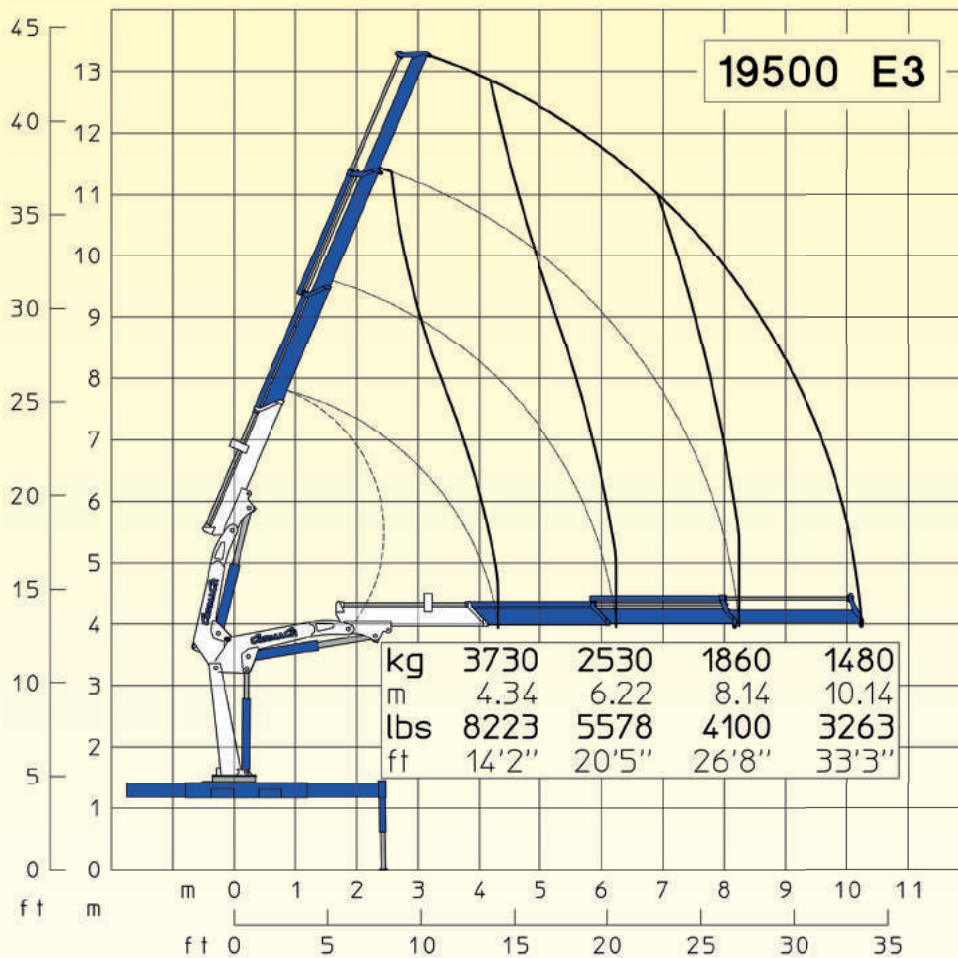
### STANDARD



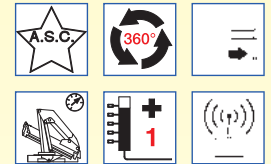
### OPTIONAL



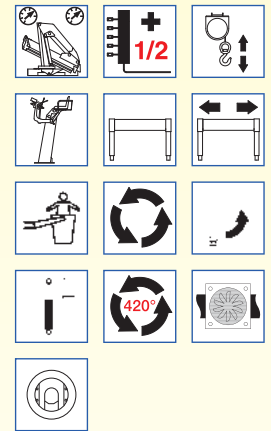
| E2           | E2            |   |
|--------------|---------------|---|
| 19500 daN*m  | 141044 Lb*ft  | Momento statico massimo al perno torretta • Max. static moment at the turret pin<br>Moment statique max. a l'axe de la tourelle • Max. statisches ubmoment am kran Saulenbolzen |
| 8.08 m       | 26' 6"        | Sbraccio idraulico • Hydraulic boom length<br>Longueur du bras hydraulique • Hydraulic reichweite   |
|              |               | Sbraccio con prolunghe manuali • Bomm length with manual extensions<br>Longueur du bras avec rallonges manuelles  |
| 1750 daN*m   | 12658 Lb*ft   | Coppia di rotazione • Slew torque • Moment de rotation • Drehmoment   |
| 32 s 360°    | 32 s 360°     | Tempo di rotazione • Slewing speed • Temp de rotation • Schwenkgeschwindigkeit  |
| 1610+1350 mm | 5' 3" + 4' 5" | Uscita stabilizzatori • Outriggers extensions<br>Sortie des bequilles • Breite der abstützung   |
| 5325 mm      | 17' 6"        | Larghezza stabilizzatori • Outriggers width<br>Largeur des bequilles • Breite der abstützung  |
| 790+60 mm    | 2' 7" + 0' 2" | Lunghezza • Length • Longeur • Länge  |
| 2478 mm      | 8' 2"         | Larghezza • Width • Largeur • Breite  |
| 2310 mm      | 7' 7"         | Altezza • Height • Huteur • Höhe  |
| 2000 kg      | 4409 lbs      | Peso (senza olio e montaggio) • Weight (without oil and fitting)<br>Poids (sans huile et montage) • Gewicht (ohne öl und ohne)  |
| 50 l/min     | 13 us gal/min | Portata pompa (*) • Pump delivery (*) • Capacité de la pompe (*) • Pumpenheistung (*)   |
| 290 bar      | 4206 psi      | Pressione • Pressure • Pression • Druck   |
| 120 l        | 31 us gal     | Capacità serbatoio olio • Oil tank capacity • Capacité de reservoir d'huile • Öl tank inhalt  |



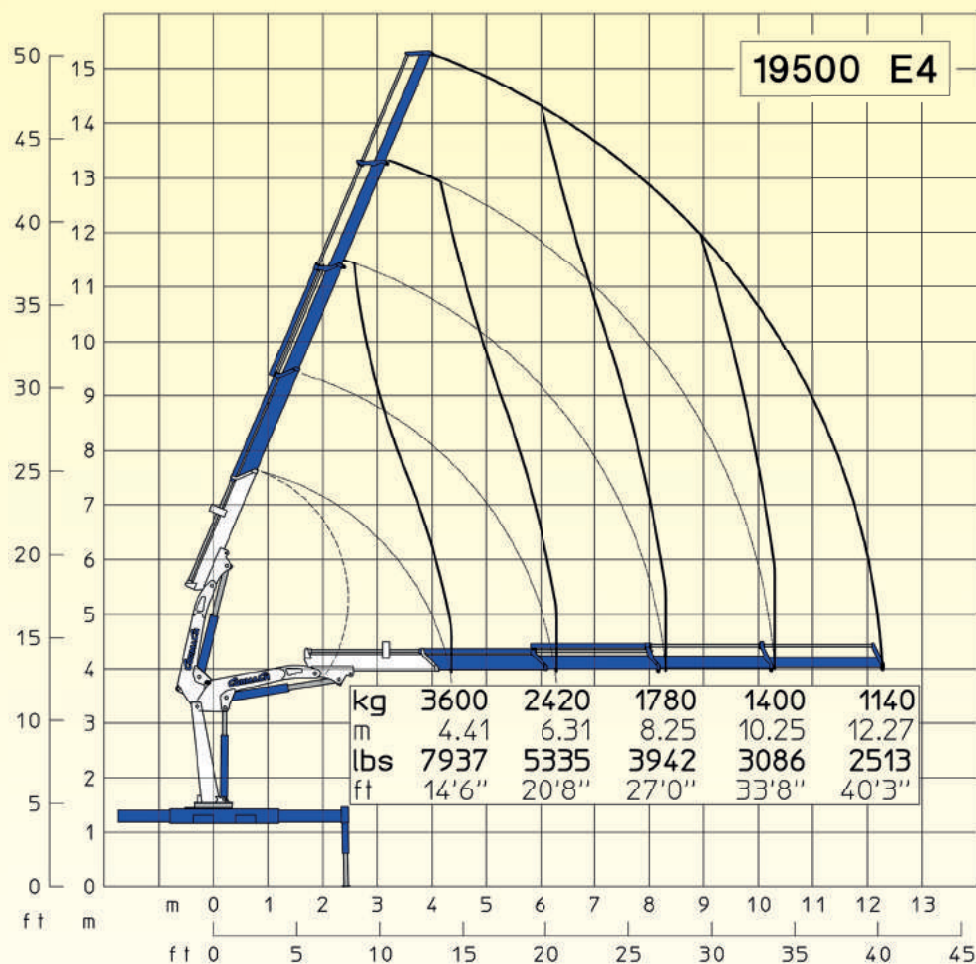
### STANDARD



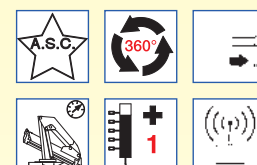
### OPTIONAL



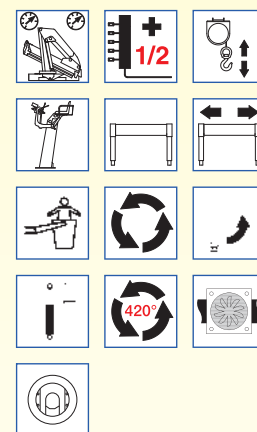
| E3           | E3            |   |
|--------------|---------------|---|
| 19500 daN*m  | 141044 Lb*ft  | Momento statico massimo al perno torretta • Max. static moment at the turret pin<br>Moment statique max. a l'axe de la tourelle • Max. statisches ubmoment am kran Saulenbolzen |
| 10.14 m      | 33' 3"        | Sbraccio idraulico • Hydraulic boom length<br>Longueur du bras hydraulique • Hydraulic reichweite   |
|              |               | Sbraccio con prolunghe manuali • Bomm length with manual extensions<br>Longueur du bras avec rallonges manuelles  |
| 1750 daN*m   | 12658 Lb*ft   | Coppia di rotazione • Slew torque • Moment de rotation • Drehmoment   |
| 32 s 360°    | 32 s 360°     | Tempo di rotazione • Slewing speed • Temp de rotation • Schwenkgeschwindigkeit  |
| 1610+1350 mm | 5' 3" + 4' 5" | Uscita stabilizzatori • Outriggers extensions<br>Sortie des bequilles • Breite der abstützung   |
| 5325 mm      | 17' 6"        | Larghezza stabilizzatori • Outriggers width<br>Largeur des bequilles • Breite der abstützung  |
| 790+60 mm    | 2' 7" + 0' 2" | Lunghezza • Length • Longeur • Länge  |
| 2478 mm      | 8' 2"         | Larghezza • Width • Largeur • Breite  |
| 2310 mm      | 7' 7"         | Altezza • Height • Huteur • Höhe  |
| 2150 kg      | 4740 lbs      | Peso (senza olio e montaggio) • Weight (without oil and fitting)<br>Poids (sans huile et montage) • Gewicht (ohne öl und ohne)  |
| 50 l/min     | 13 us gal/min | Portata pompa (*) • Pump delivery (*) • Capacité de la pompe (*) • Pumpenheistung (*)   |
| 290 bar      | 4206 psi      | Pressione • Pressure • Pression • Druck   |
| 120 l        | 31 us gal     | Capacità serbatoio olio • Oil tank capacity • Capacité de reservoir d'huile • Öl tank inhalt  |



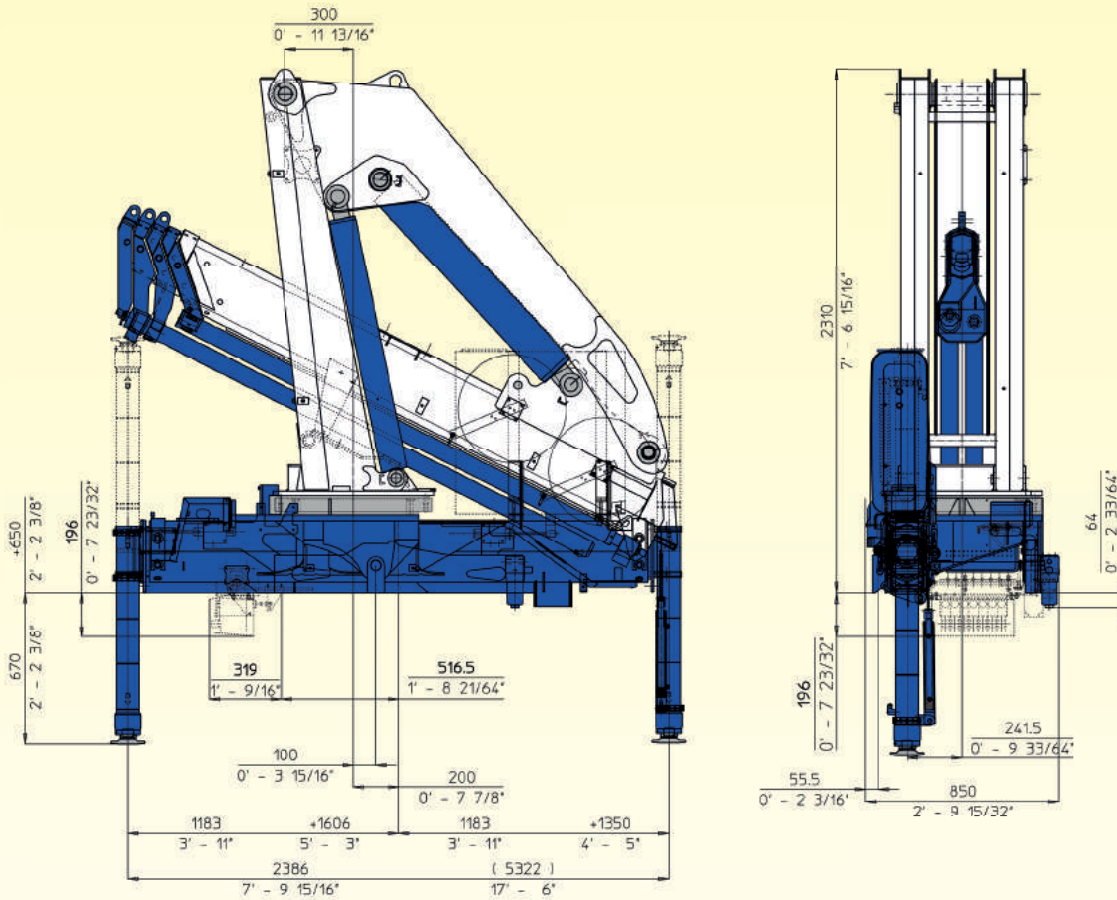
### STANDARD



### OPTIONAL



| E4           | E4            |  |
|--------------|---------------|--|
| 19500 daN*m  | 141044 Lb*ft  | Momento statico massimo al perno torretta • Max. static moment at the turret pin<br>Moment statique max. a l'axe de la tourelle • Max. statisches ubmoment am kranstrahlenbolzen |
| 12.27 m      | 40' 3"        | Sbraccio idraulico • Hydraulic boom length<br>Longueur du bras hydraulique • Hydraulic reichweite  |
|              |               | Sbraccio con prolunghe manuali • Bomm length with manual extensions<br>Longueur du bras avec rallonges manuelles   |
| 1750 daN*m   | 12658 Lb*ft   | Coppia di rotazione • Slew torque • Moment de rotation • Drehmoment  |
| 32 s 360°    | 32 s 360°     | Tempo di rotazione • Slewing speed • Temp de rotation • Schwenkgeschwindigkeit   |
| 1610+1350 mm | 5' 3" + 4' 5" | Uscita stabilizzatori • Outriggers extensions<br>Sortie des bequilles • Breite der abstützung  |
| 5325 mm      | 17' 6"        | Larghezza stabilizzatori • Outriggers width<br>Largeur des bequilles • Breite der abstützung   |
| 790+60 mm    | 2' 7" + 0' 2" | Lunghezza • Length • Longueur • Länge  |
| 2478 mm      | 8' 2"         | Larghezza • Width • Largeur • Breite   |
| 2310 mm      | 7' 7"         | Altezza • Height • Hauteur • Höhe  |
| 2320 kg      | 5115 lbs      | Peso (senza olio e montaggio) • Weight (without oil and fitting)<br>Poids (sans huile et montage) • Gewicht (ohne öl und ohne)   |
| 50 l/min     | 13 us gal/min | Portata pompa (*) • Pump delivery (*) • Capacité de la pompe (*) • Pumpenheistung (*)  |
| 290 bar      | 4206 psi      | Pressione • Pressure • Pression • Druck  |
| 120 l        | 31 us gal     | Capacità serbatoio olio • Oil tank capacity • Capacité de reservoir d'huile • Öl tank inhalt   |



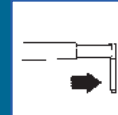
## STANDARD



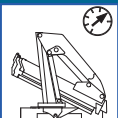
**Automatic Speed Control**  
Automatic Speed Control  
Automatic Speed Control  
Automatic Speed Control



**Rotazione 360°**  
Rotation 360°  
Rotation 360°  
Drehbereich 360°



**Stabilizzatori gru base estendibili idraulicamente**  
Outriggers with hydraulic  
Stabilisateurs avec extension hydraulique  
Hydraulisch ausfahrbare stützen



**Limitatore di momento**  
Load limiting device  
Limiteur de charge  
Überlastabschal tungssystem

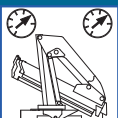


**Comando supplementare non attivato (1)**  
Additional free section not activated (1)  
Section du distributeur pas activé (1)  
Zusätzlicher steuerschieber (1)



**Radiocomando**  
Radio remote control  
Radiocommandes  
Funkfernsteuerung

## OPTIONAL



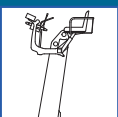
**Doppio limitatore di momento**  
Double load limiting device  
Double limiteur de charge  
Doppel Überlastabschal tungssystem



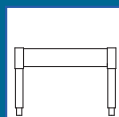
**Comando supplementare attivato (1/2)**  
Additional function (1/2)  
Section du distributeur activée (1/2)  
Zusatzfunktion (1/2)



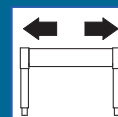
**Verricello**  
Winch  
Treuil  
Sewinde



**Posto di manovra in alto**  
Top seat  
Siege en haut  
Hochsitz



**Traversa ausiliaria fissa**  
Additional outriggers beam without extension  
Stabilisateurs supplémentaires sans elargissement  
Zusätzliche abstützbeine



**Traversa ausiliaria estendibile**  
Additional outriggers with lateral extension  
Stabilisateurs supplémentaires avec elargissement  
Ausfahrbare zusatz- stützen



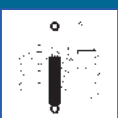
**Cestello**  
Basket  
Nacelle  
Personenkorb



**Rotazione continua**  
Continuos rotation  
Rotation continue  
Endlos schwenkwerk



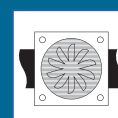
**Stabilizzatori gru base girevoli**  
Tilt up outriggers  
Bequilles tournants  
Drehbare stützen



**Trattamento marino della gru**  
Marine treatment of the crane  
Traitement marine de la grue  
Marine behandlung des kranes



**Rotazione 420°**  
Rotation 420°  
Rotation 420°  
Drehbereich 420°



**Scambiatore di calore**  
Oil cooler  
Echangeur de chaleur  
Ölkühler



**Piastre di appoggio maggiorate**  
Large ground plates  
Plaques stabilisateurs  
Bodenplatten



# CORMACH

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