

LA FORZA DELLA QUALITÀ THE POWER OF QUALITY
LA FORCE DE LA QUALITE DIE KRAFT DER QUALITÄT LA FUERZA DE LA CALIDAD



Serie 14

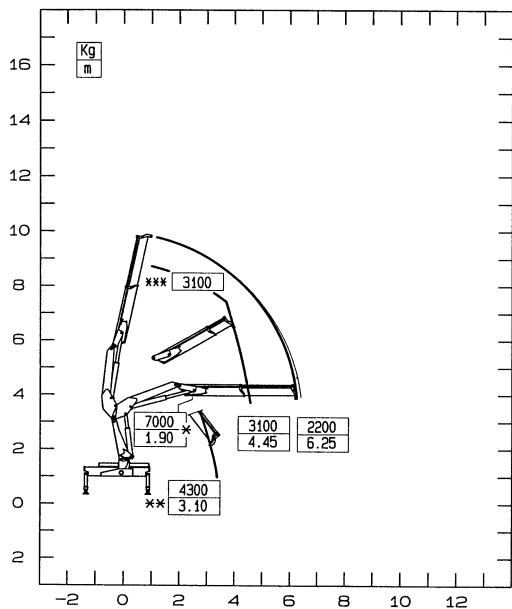


Since 1959

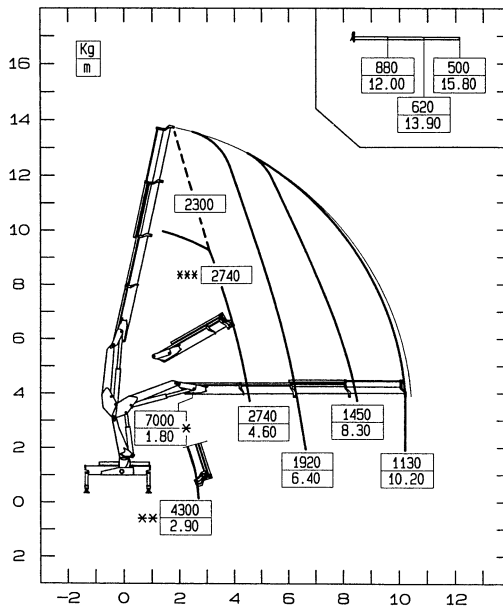


Cranes, in all the languages of the world

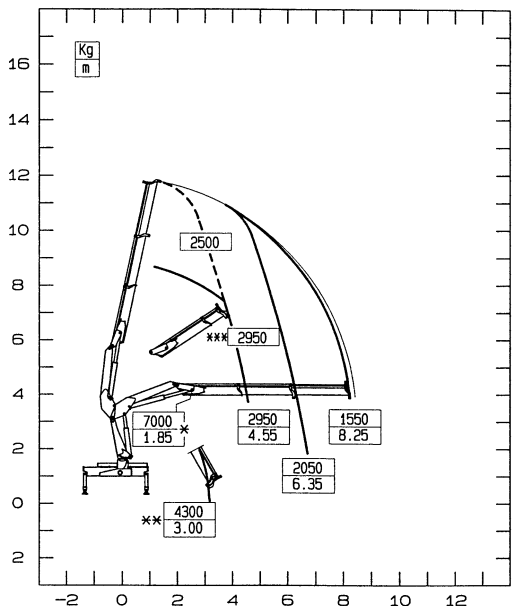
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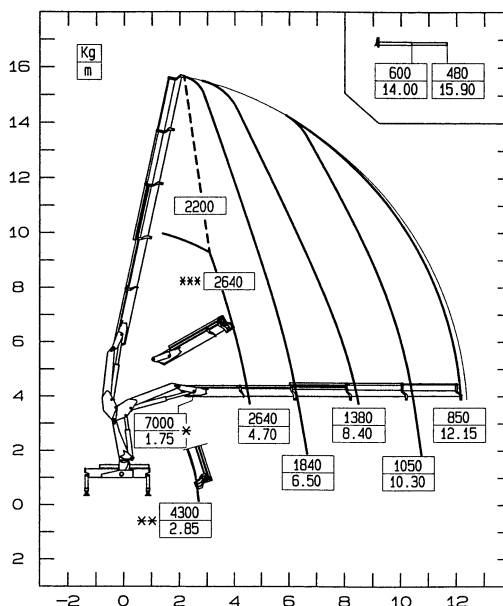
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* PORTATA MASSIMA NOMINALE AL GANCIO FISSO
 ** PORTATA MASSIMA AL GANCIO MOBILE
 *** PORTATA MASSIMA PASSANTE PER L'ORIZZONTALE

* MAX. NOMINAL CAPACITY WITH FIXED HOOK
 ** MAX. CAPACITY WITH MOBILE HOOK
 *** MAX. CAPACITY FROM HORIZONTAL TO VERTICAL

* CAPACITE MAXI NOMINALE AU CROCHET FIXE
 ** CAPACITE MAXI NOMINALE AU CROCHET MOBILE
 *** CAPACITE MAXI PASSANT PAR L'HORIZONTALE

MAX. NENNTRAGKRAFT AN DER INNEREN HAKENBEFESTIGUNG
 ** MAX. TRAGKRAFT VON HORIZONTAL BIS ZU VERTIKAL

* CAPACIDAD MÁXIMA EN EL GANCHO FIBO
 ** CAPACIDAD MÁXIMA EN EL GANCHO MÓVIL
 *** CAPACIDAD MÁXIMA EN POSICIÓN VERTICAL

N.B.: LE PRESTAZIONI INDICATE SI OTTENGONO CON BRACCIO PRINCIPALE INCLINATO A 27°

N.B.: THE STATED PERFORMANCES CAN BE OBTAINED WITH 27° INCLINATED MAIN BOOM

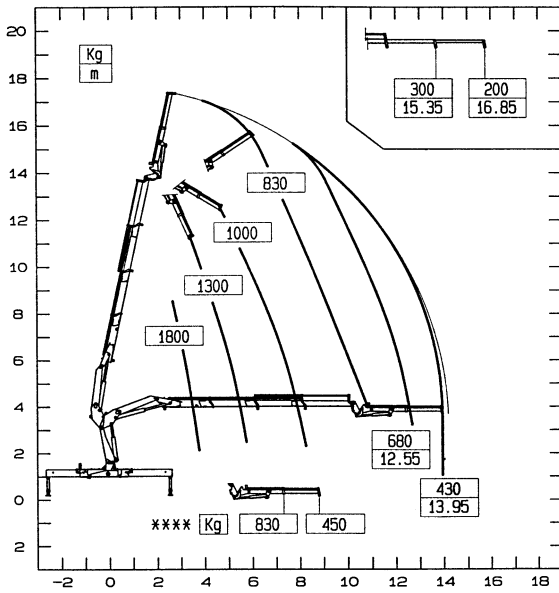
N.B.: LES PERFORMANCES INDIQUEES S'OBTIENNENT AVEC 27° BRAS INCLINE A 27°

ANMERKUNG: DIE ANGEZEIGTEN LEISTUNGEN WERDEN MIT 27° GENEIGTEM HUBBRAHMEN ERREICHT

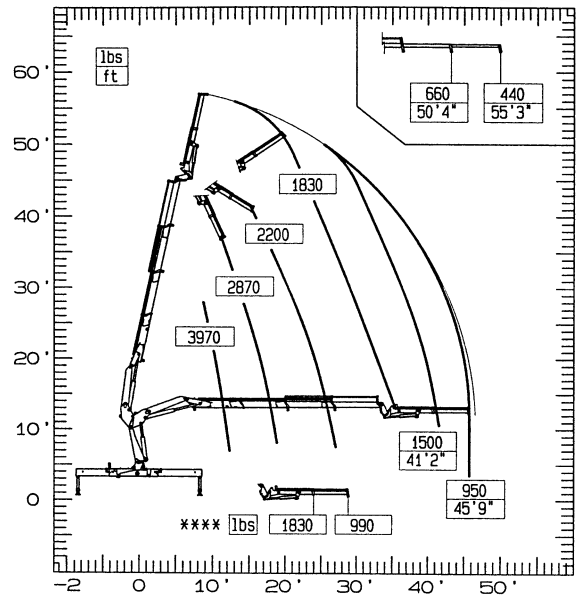
N.B.: LAS PRESTACIONES INDICADAS SE OBTIENEN CON EL BRAZO ARTICULADO A 27°

TUTTE LE GRU PM SONO COPERTE DA POLIZZA ASSICURATIVA INTERNAZIONALE PER LA RESPONSABILITÀ CIVILE VERSO TERZI
 ALL PM CRANES ARE COVERED BY AN INTERNATIONAL INSURANCE POLICY FOR CIVIL LIABILITY THIRD PARTY
 TOUTES LES GRUES SONT COUVERTES PAR UNE POLICE D'ASSURANCE INTERNATIONALE DE RESPONSABILITÉ CIVILE ENVERS TIERS
 PM-KRÄNE SIND DURCH EINE INTERNATIONALE HAFTPFLICHTVERSICHERUNG GEGEN DRITTE ABGESICHERT
 TODAS LAS GRUAS PM CUENTAN CON UNA PÓLIZA DE SEGUROS INTERNACIONAL CONTRA LAS RESPONSABILIDADES CIVILES HACIA TERCEROS

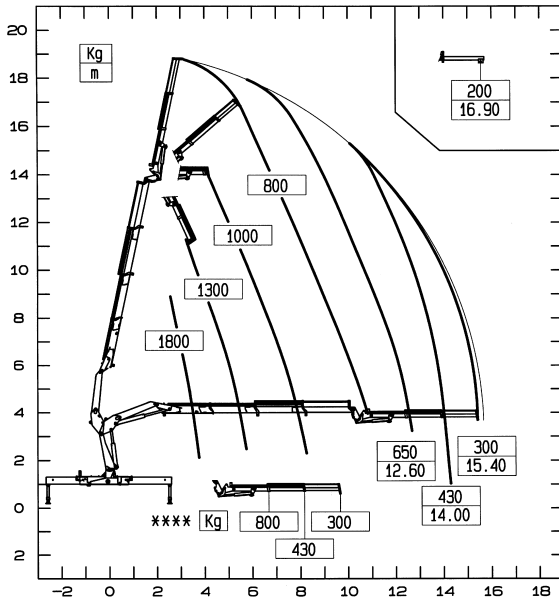
14023+J 11



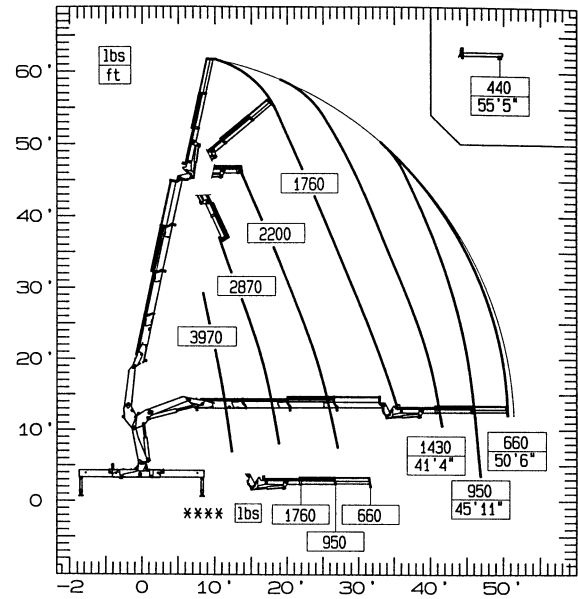
14023+J 11



14023+J 12



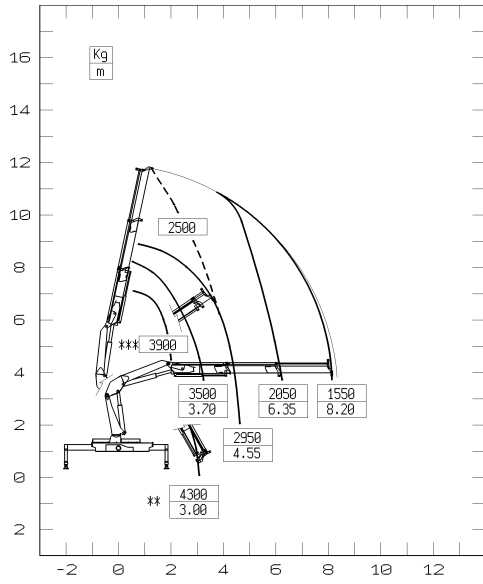
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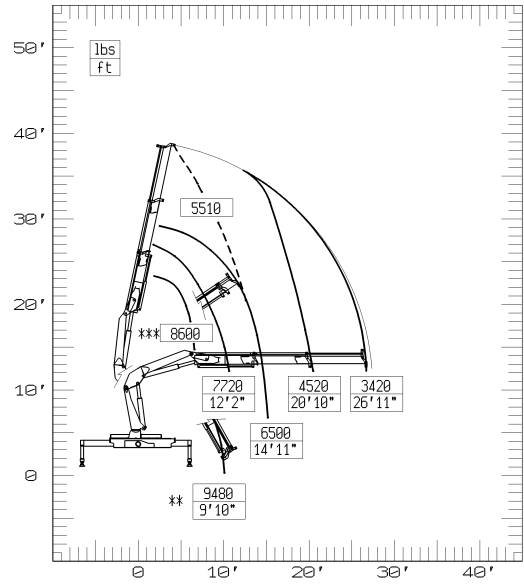
****PORTATE MASSIME DELL'ANTENNA IN ORIZZONTALE - ****MAX. JIB CAPACITIES IN HORIZONTAL POSITION - ****CAPACITES MAXI NOMINALES AVEC JIB
 ****MAX. TRAGKRAFT AM JIB IN HORIZONTAL - ****CAPACIDAD MÁXIMA DE LA ANTENA EN HORIZONTAL



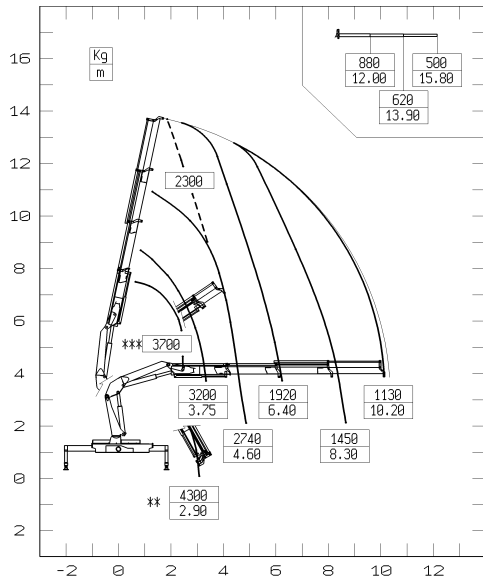
14022 LC



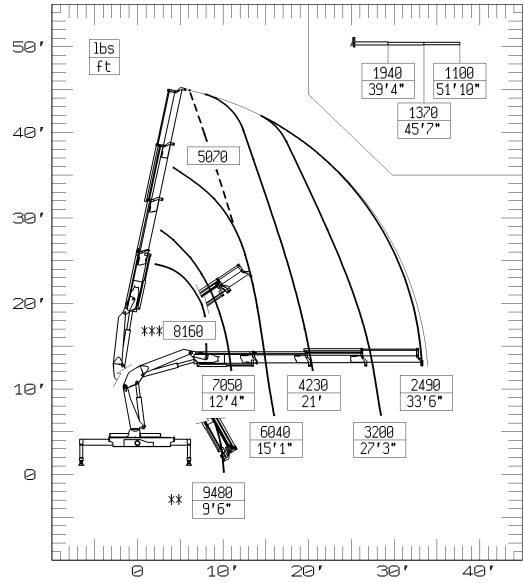
14022 LC



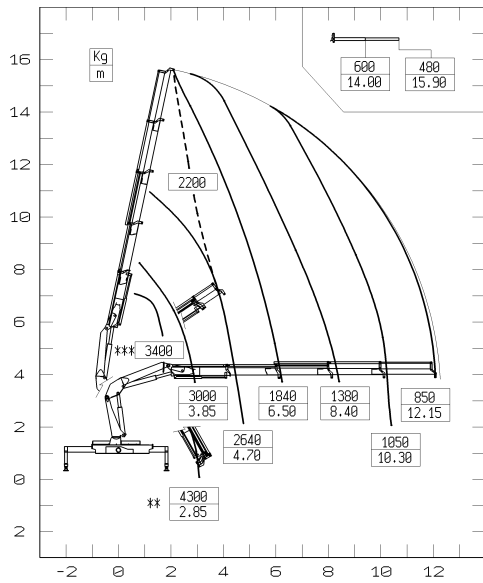
14023 LC



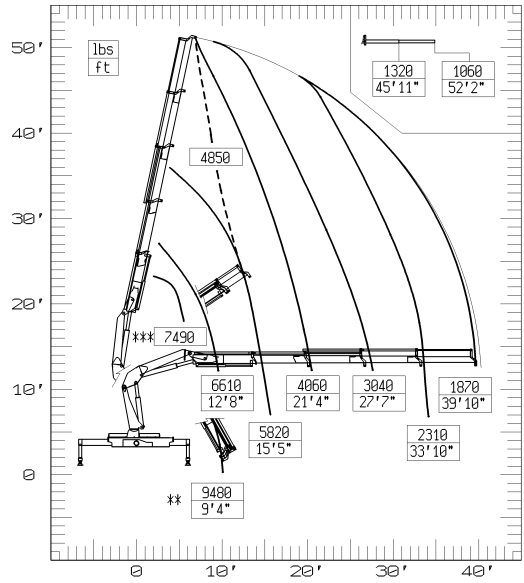
14023 LC



14024 LC

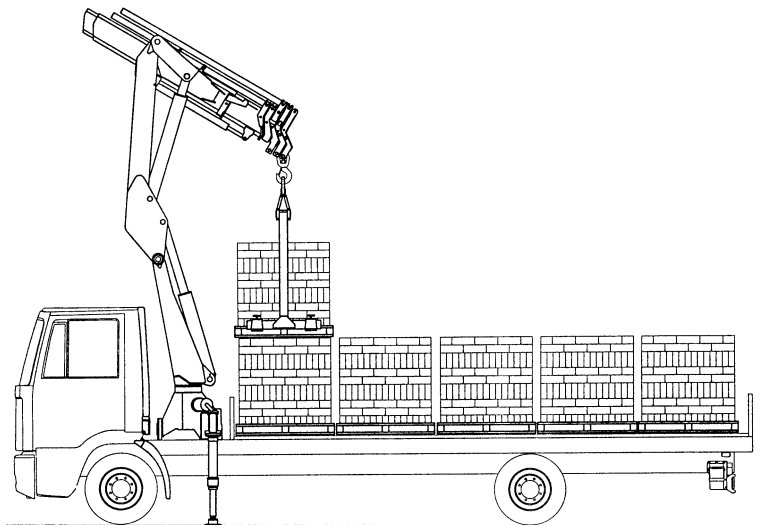
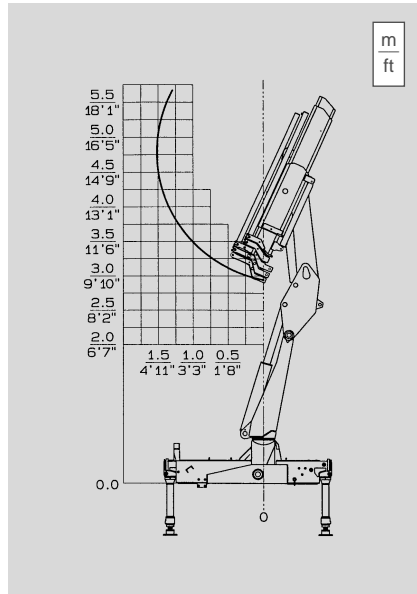
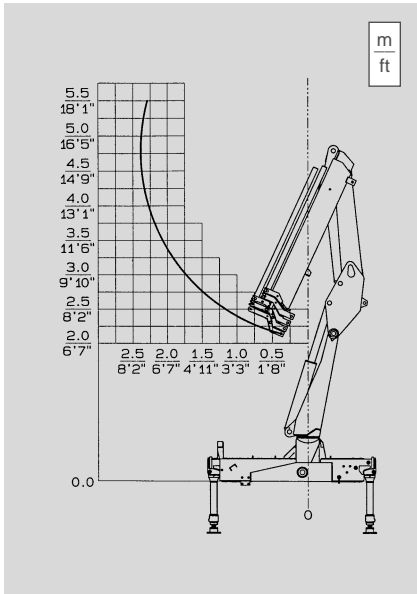


14024 LC



Serie 14

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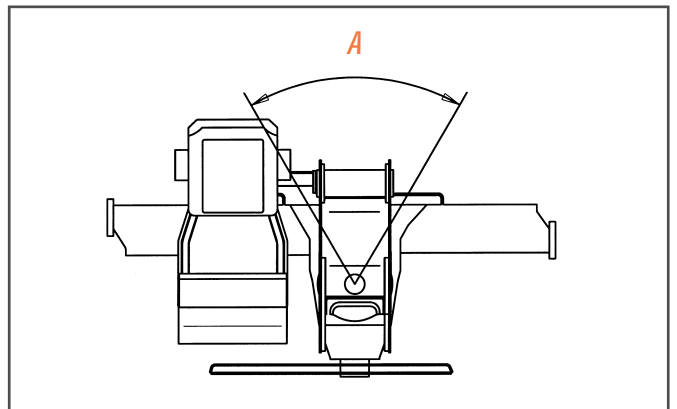
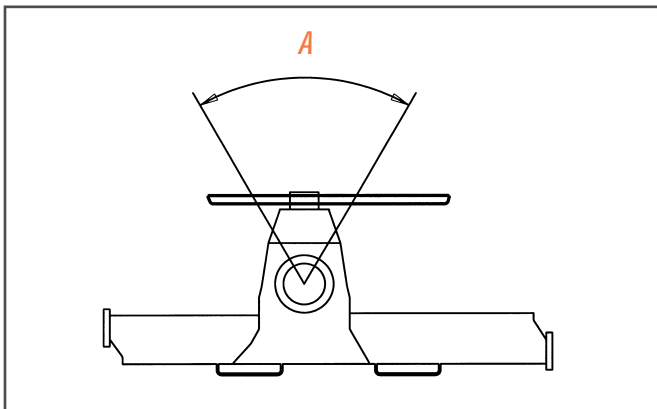


POSIZIONE DEL PUNTO MORTO DELLA ROTAZIONE

POSITION DU POINT MORT DE ROTATION - DEAD POINT POSITION - TOTPUNKTSTELLUNG - LADO DE PARO DEL SISTEMA DE GIRO DE LA GRUA

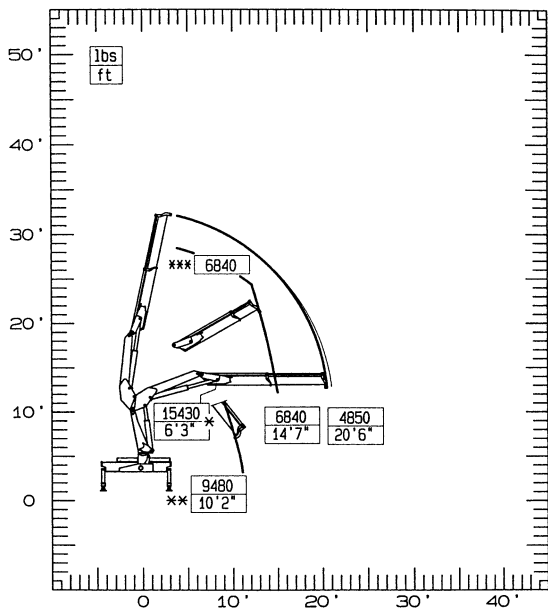
GRU STANDARD - GRUES STANDARD - STANDARD CRANES
STANDARD KRANE - GRUA ESTANDAR

GRU CON POSTO DI MANOVRA IN ALTO - GRUES AVEC SIEGE EN HAUT - CRANE MODELS WITH TOP SEAT
KRANMODELLE MIT HOCHSITZ - GRUAS CON ASIENTO EN COLUMNA

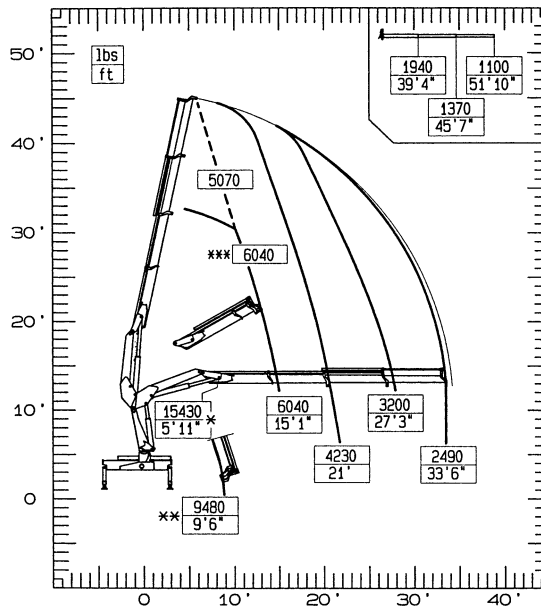


A PUNTO MORTO - POINT MORT DE ROTATION - DEAD POINT POSITION - TOTPUNKTSTELLUNG - LADO DE PARO

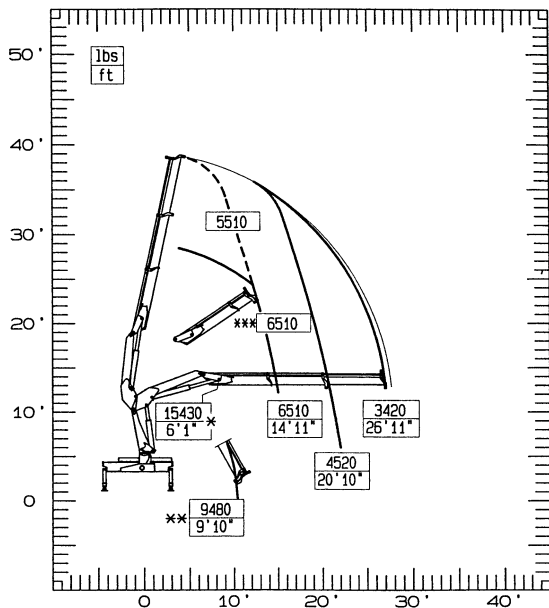
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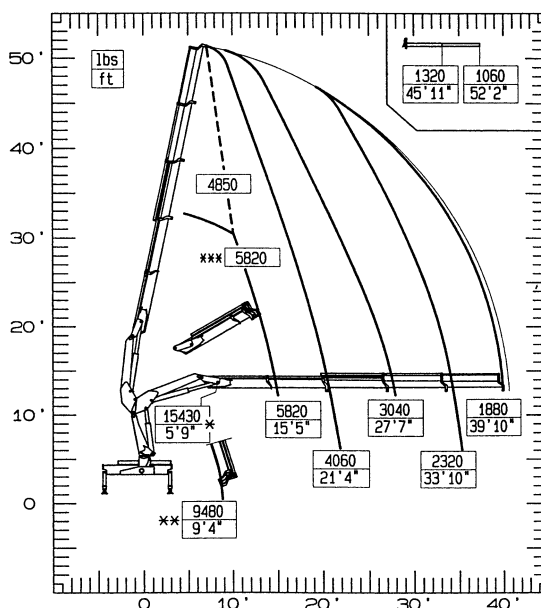
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14022



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* MAX. NENNTRAGKRAFT
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** MAX. TRAGKRAFT
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VON HORIZONTAL
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* CAPACIDAD MÁXIMA
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PRINCIPALE INCLINATO A 27°

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ANMERKUNG: DIE ANGEZEIGTE-
NEN LEISTUNGEN WERDEN MIT
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ERREICHT

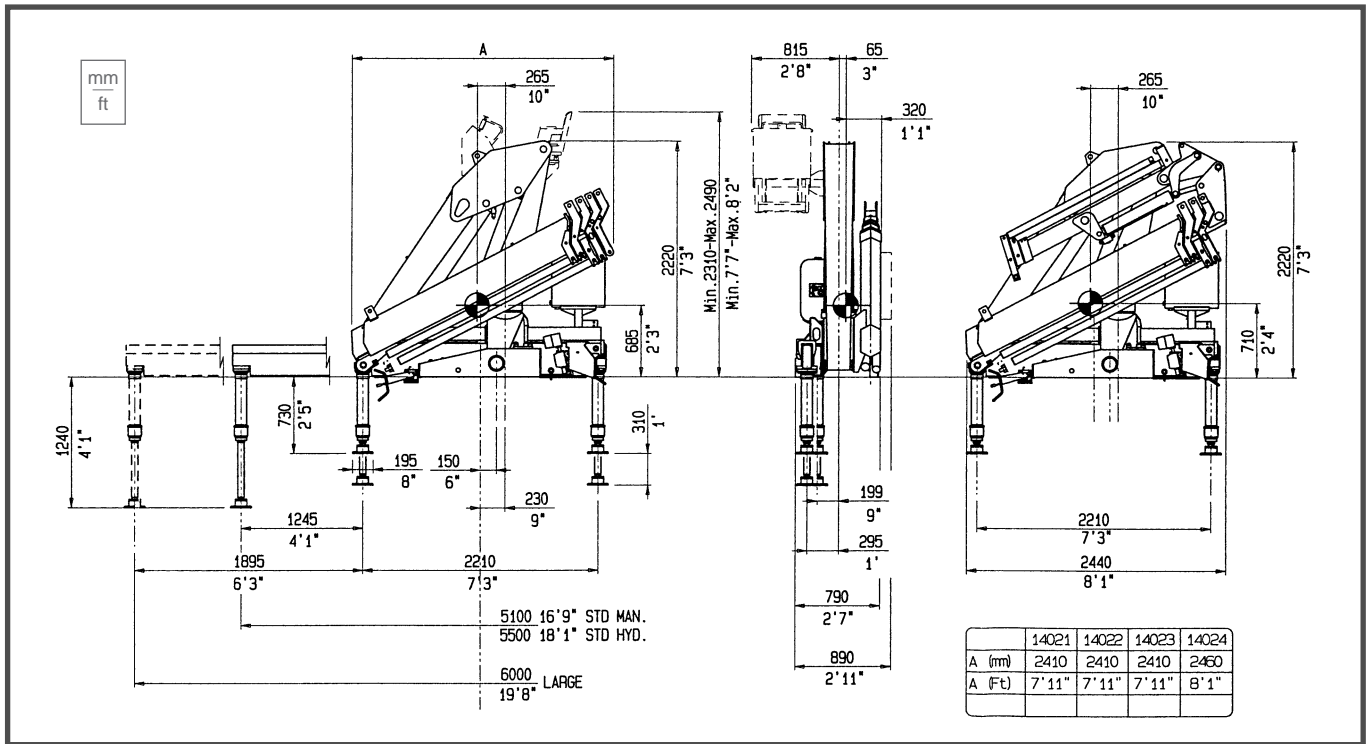
N.B.: LAS PRESTACIONES
INDICADAS SE OBTIENEN
CON EL BRAZO ARTICULADO
A 27°



COMANDI E DISPOSITIVI DI SICUREZZA IN CONFORMITÀ ALLE NORME EUROPEE PERTINENTI

*Controls and safety devices complying with international regulations
Commandes et dispositifs de sécurité conformes aux normes internationales
Steuerung und sicherheitsvorrichtungen den internationalvorschriften gemäß
Mandos y dispositivos de seguridad fabricados según las normas internacionales*





DATI TECNICI - TECHNICAL DATA - DONNEES TECHNIQUES - TECHNISCHE DATEN - DATOS TECNICOS

| | 14021 | 14022 | 14023 | 14024 | 14023+J11 | 14023+J12 |
|--|-------|--------|--------|--------|-----------|-----------|
| MOMENTO DI SOLLEVAMENTO MASSIMO - Maximum lifting moment - Moment de levage maxi - Max. Lastmoment - Momento de elevación máxima | kNm | 135 | 132 | 124 | 122 | -- |
| | tm | 13,8 | 13,4 | 12,6 | 12,4 | -- |
| SBRACCIO OLEODINAMICO - Maximum hydraulic reach - Allongement hydraulique - Hydraulische Reichweite, Standard - Alcance hidráulico | | | | | | |
| ORIZZONTALE - Horizontal - Horizontal - Horizontal - Horizontal | m | 6,50 | 8,45 | 10,45 | 12,40 | 15,65 |
| VERTICALE - Vertical - Vertical - Vertikal - Vertical | m | 9,80 | 11,75 | 13,70 | 15,60 | 18,75 |
| SBRACCIO CON PROLUNGHE - Maximum reach with manual extensions - Allongement avec rallonges manuelles - Reichweite, manuelle Verlängerungen - Alcance con prolongas manuales | | | | | | |
| ORIZZONTALE - Horizontal - Horizontal - Horizontal - Horizontal | m | -- | -- | 16,05 | 16,15 | 17,15 |
| VERTICALE - Vertical - Vertical - Vertikal - Vertical | m | -- | -- | 19,25 | 19,35 | 20,15 |
| IMPIANTO OLEODINAMICO - Hydraulic system - Circuit hydraulique - Hydraulikanlage - Sistema hidráulico | | | | | | |
| PORTATA RACCOMANDATA - Recommended oil flow - Débit recommandé - Empfohlene Fördermenge - Caudal requerido | l/min | 30 | 30 | 30 | 30 | 30 |
| PRESSIONE MASSIMA - Rated pressure - Pression maxi - Betriebsdruck - Presión máxima | MPa | 26,5 | 26,5 | 26,5 | 26,5 | 26,5 |
| CAPACITÀ DEL SERBATOIO - Tank capacity - Capacité du réservoir - Tankinhalt - Capacidad del depósito de aceite | l | 65 | 65 | 65 | 65 | 65 |
| GRUPPO DI ROTAZIONE - Slewing system - Rotation - Schwenksystem - Sistema de giro | | | | | | |
| ANGOLO DI ROTAZIONE - Slewing angle - Angle de rotation - Schwenkbereich - Ángulo de giro | ° | 400 | 400 | 400 | 400 | 400 |
| COPPIA DI ROTAZIONE - Slewing moment - Couple de rotation - Schwenkmoment - Momento de giro | kNm | 16 | 16 | 16 | 16 | 16 |
| PENDENZA MASSIMA DI LAVORO - Max. working heel - Devers maxi de travail - Max. Arbeitsneigung - Inclinación máxima de trabajo | % (°) | 8,7(5) | 8,7(5) | 8,7(5) | 8,7(5) | 0 |
| PESO GRU STANDARD - Standard crane weight - Poids de la grue standard - Eigengewicht - Peso de la grúa est | Kg | 1770 | 1880 | 1990 | 2080 | 2235 |
| IN VERSIONE LC - LC Version | | | -- | 2030 | 2140 | -- |

DATI TECNICI - TECHNICAL DATA - DONNEES TECHNIQUES - TECHNISCHE DATEN - DATOS TECNICOS

| | 14021 | 14022 | 14023 | 14024 | 14023+J11 | 14023+J12 |
|---|----------------|--------|--------|--------|-----------|-----------|
| MAXIMUM LIFTING MOMENT | ft lbs | 99815 | 96920 | 91140 | 89690 | -- |
| MAXIMUM HYDRAULIC REACH | | | | | | |
| HORIZONTAL | ft | 21'4" | 27'9" | 34'3" | 40'8" | 46'7" |
| VERTICAL | ft | 32'2" | 38'7" | 44'11" | 51'2" | 56'11" |
| MAXIMUM REACH WITH MANUAL EXTENSIONS | | | | | | |
| HORIZONTAL | ft | -- | -- | 52'8" | 53' | 56'1" |
| VERTICAL | ft | -- | -- | 63'2" | 63'6" | 66'1" |
| HYDRAULIC SYSTEM | | | | | | |
| RECOMMENDED OIL FLOW | gals/min (USA) | 8 | 8 | 8 | 8 | 8 |
| RATED PRESSURE | psi | 3900 | 3900 | 3900 | 3900 | 3900 |
| TANK CAPACITY | gals (USA) | 17 | 17 | 17 | 17 | 17 |
| SLEWING SYSTEM | | | | | | |
| SLEWING ANGLE | ° | 400 | 400 | 400 | 400 | 400 |
| SLEWING MOMENT | ft lbs | 11570 | 11570 | 11570 | 11570 | 11570 |
| MAX. WORKING HEEL | % (°) | 8,7(5) | 8,7(5) | 8,7(5) | 8,7(5) | 0 |
| STANDARD CRANE WEIGHT | lbs | 3900 | 4140 | 4390 | 4585 | 4930 |
| IN VERSIONE LC - LC Version | | | -- | 4475 | 4720 | -- |



CRANES, IN ALL THE LANGUAGES OF THE WORLD



SAUDI ARABIA
ARGENTINA
BELGIUM
BRAZIL
CANADA
CHILE
COLOMBIA
CZECH REP
CYPRUS
DENMARK
EGYPT
UNITED ARAB EMIRATES
EAST/NORTH EUROPE
FRANCE
GERMANY
GREECE
HONG KONG
INDONESIA
ITALY
JORDAN
MALAYSIA
MOROCCO
NORWAY
OCEANIA
NETHERLANDS
PERU
PHILIPPINES
POLAND
PORTUGAL
P.R.C.
QATAR
ROMANIA
UK
SINGAPORE
SPAIN
SOUTH AFRICA
SOUTH AMERICA
SWITZERLAND
THAILAND
TAIWAN
TUNISIA
TURKEY
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