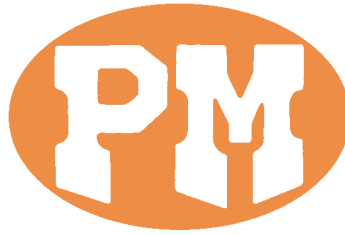
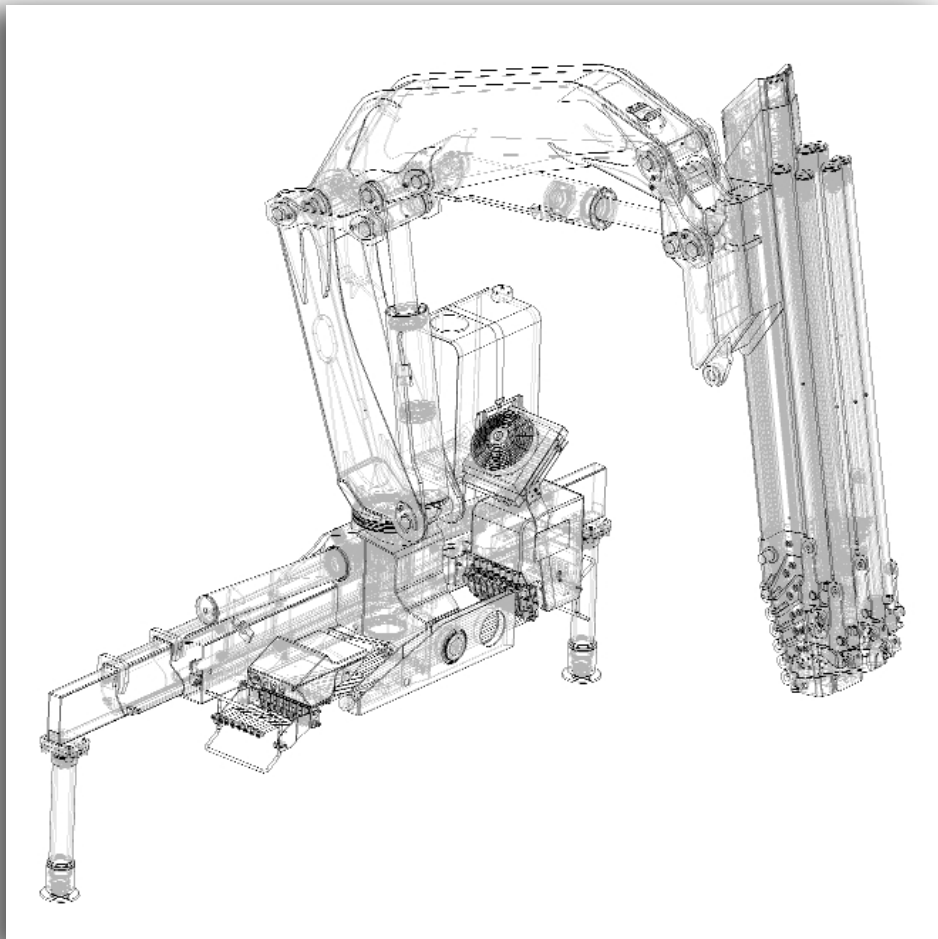


Since 1959



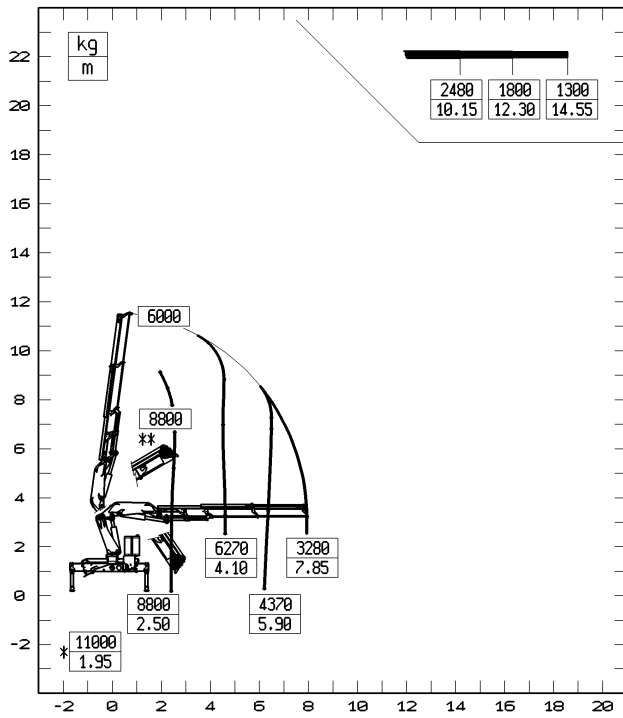
*Cranes, in all the languages of the world*

# *Serie 28 SP*

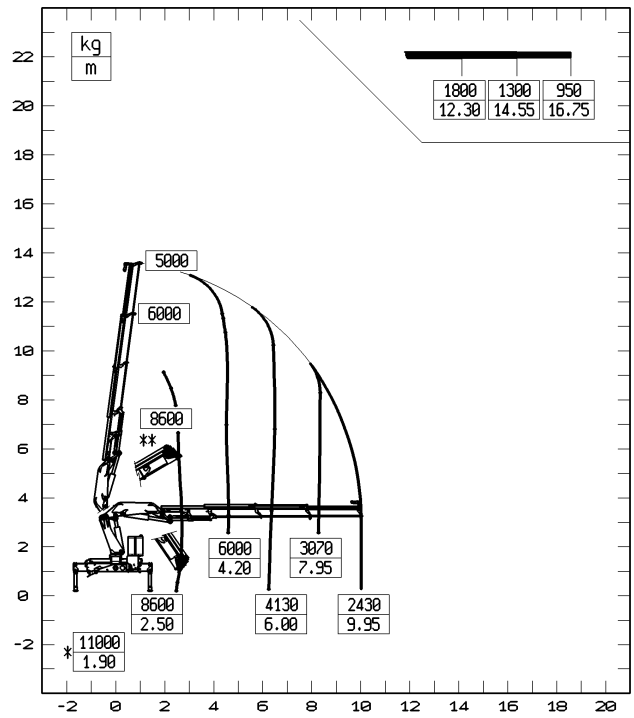


LA FORZA DELLA QUALITÀ THE POWER OF QUALITY  
LA FORCE DE LA QUALITE DIE KRAFT DER QUALITÄT LA FUERZA DE LA CALIDAD

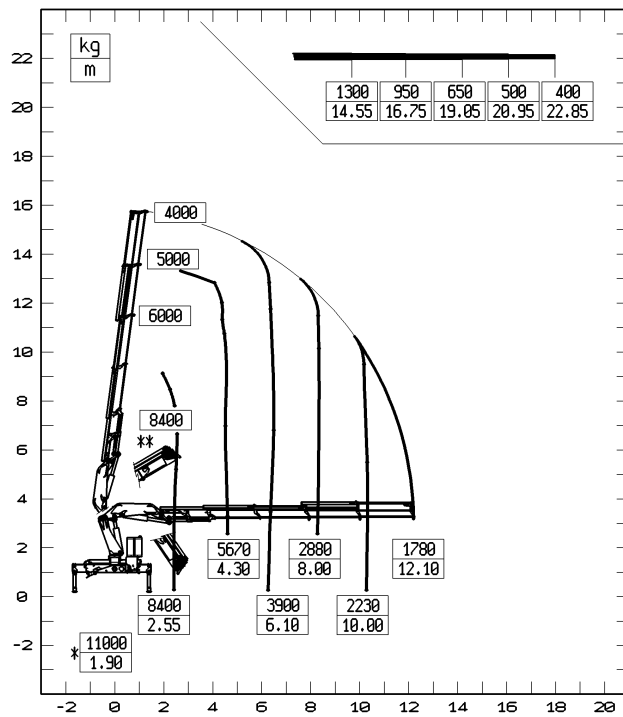
## 28022



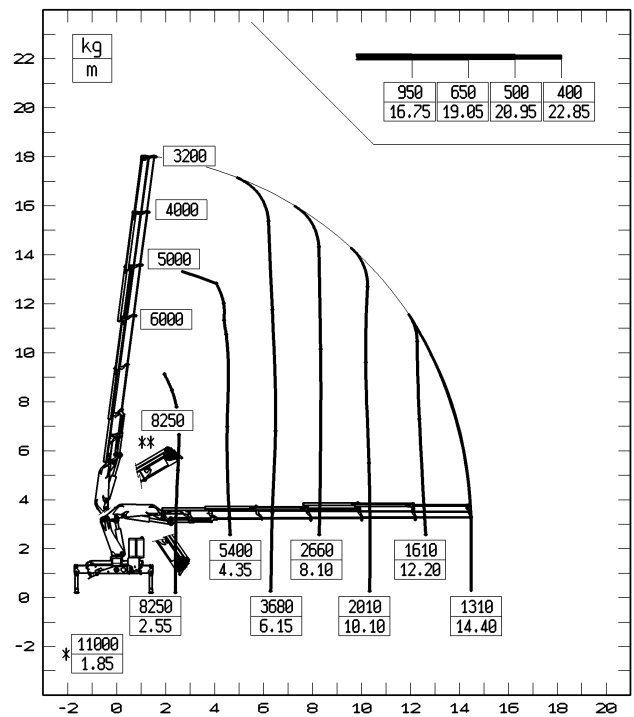
## 28023



## 28024



## 28025



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

\* MAX. NOMINAL CAPACITY  
WITH FIXED HOOK  
\*\* MAX. CAPACITY WITH  
MOBILE HOOK PASSING  
THROUGH HORIZONTAL

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

\* MAX. NENNTRAGKRAFT  
AN DER INNEREN  
HAKENBEFESTIGUNG  
\*\* MAX. TRAGKRAFT AM  
SCHWER LASTHAKEN UEBER  
DAS HORIZONTAL

\* CAPACIDAD MÁXIMA EN EL  
GANCHO FIJO  
\*\* CAPACIDAD MÁXIMA EN  
EL GANCHO MÓVIL OBTENIDO  
EN POSICIÓN HORIZONTAL

N.B.: LE PRESTAZIONI INDICATE  
SI OTTENGONO CON BRACCIO  
PRINCIPALE A 0°

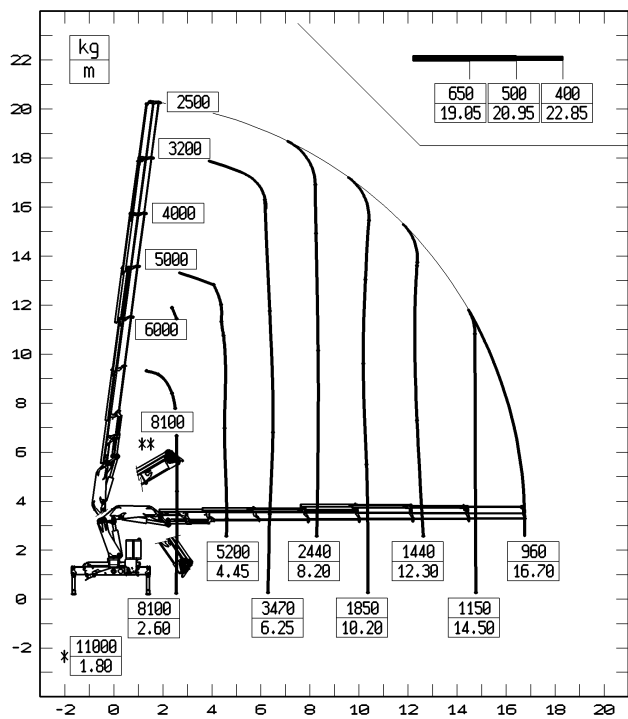
N.B.: THE STATED PERFORMANCES  
CAN BE OBTAINED WITH 0°  
INCLINATED MAIN BOOM

N.B.: LES PERFORMANCES  
INDIQUEES S'OBTIENNENT AVEC  
IER BRAS INCLINE A 0°

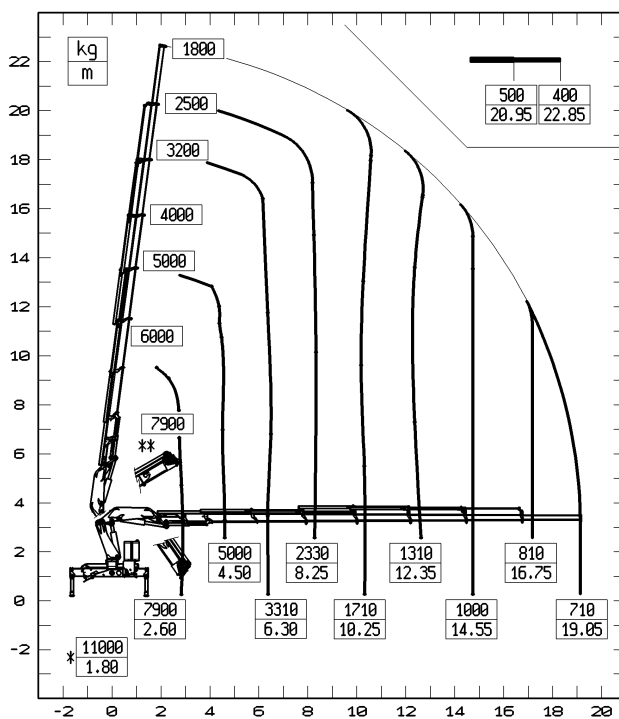
ANMERKUNG: DIE ANGEGBENEN  
LEISTUNGEN WERDEN MIT 0°  
GENEIGTEM HUBBRAHMEN  
ERREICHT

N.B.: LAS PRESTACIONES  
INDICADAS SE OBTIENEN CON  
AEL BRAZO ARTICULADO A 0°

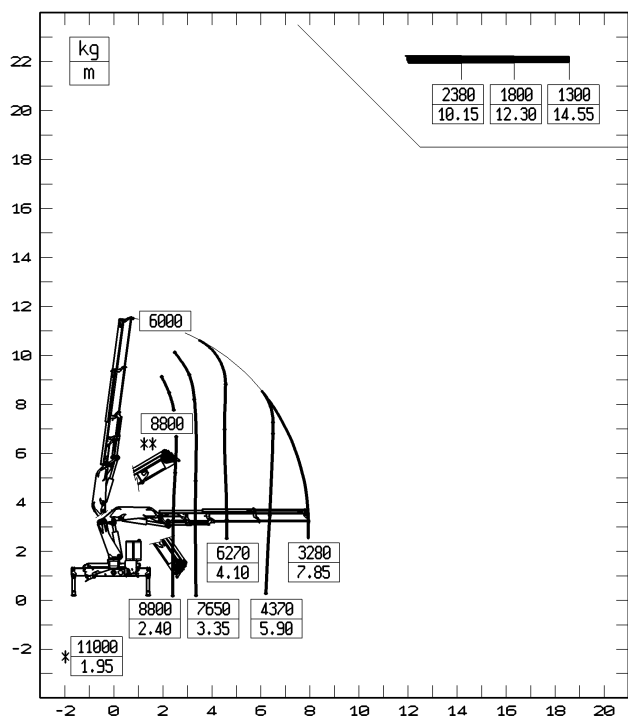
### 28026



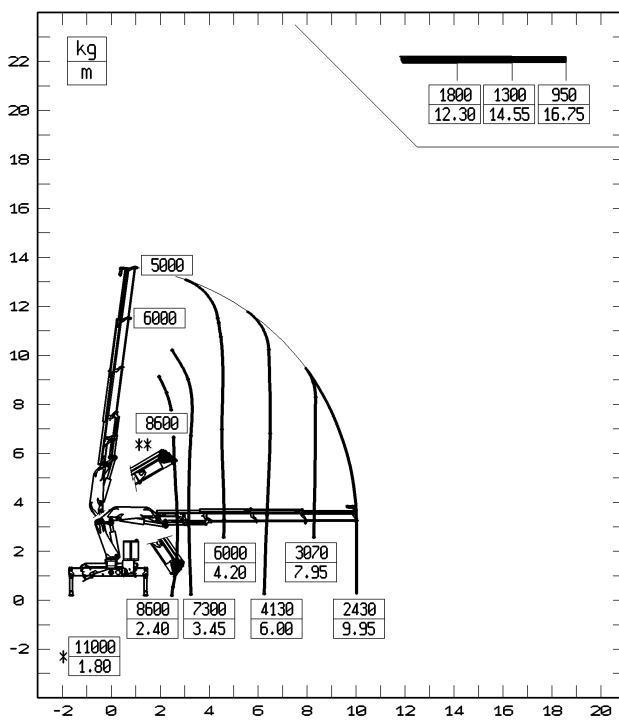
### 28027



### 28022 LC

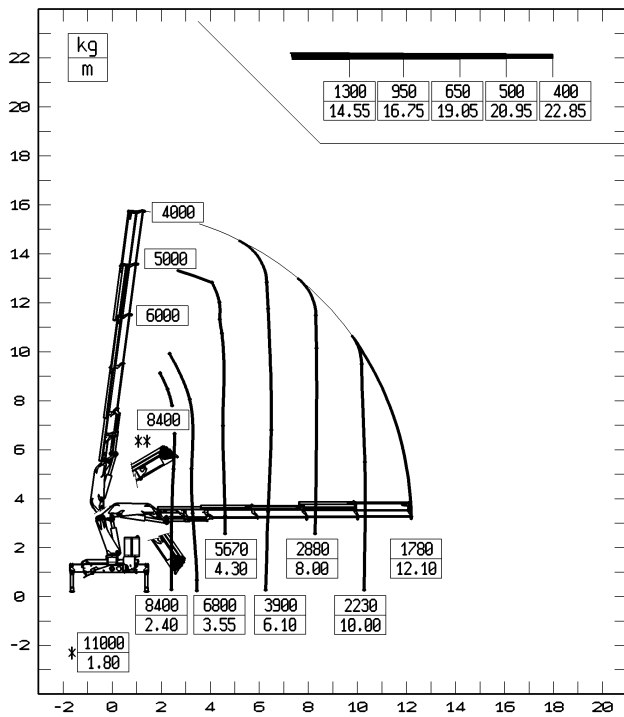


### 28023 LC

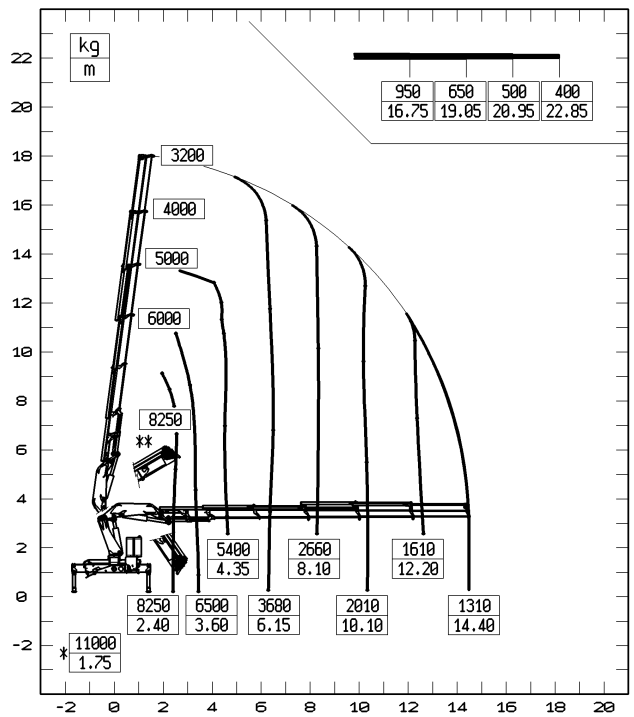


- I dati tecnici possono essere aggiornati senza preavviso
- Technical data can be revised without prior notice
- Les données techniques peuvent être modifiées sans préavis
- Technische Änderungen vorbehalten
- Reservado el derecho de modificaciones

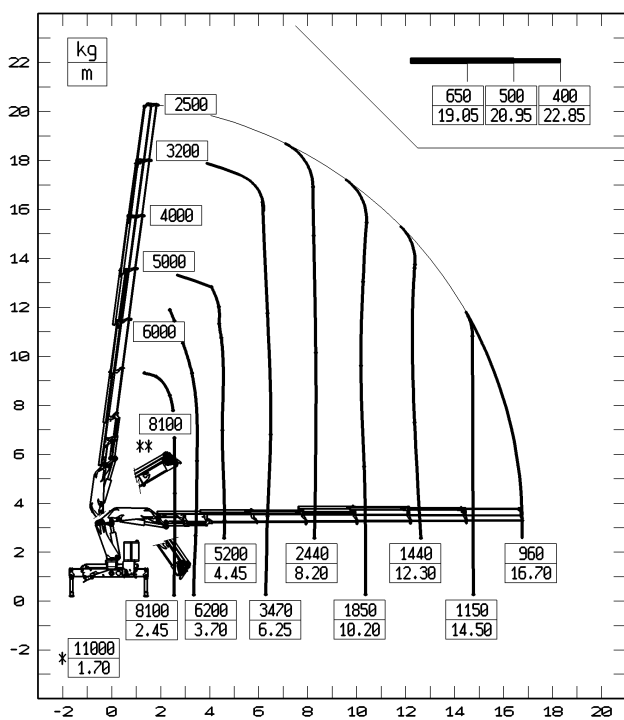
### 28024 LC



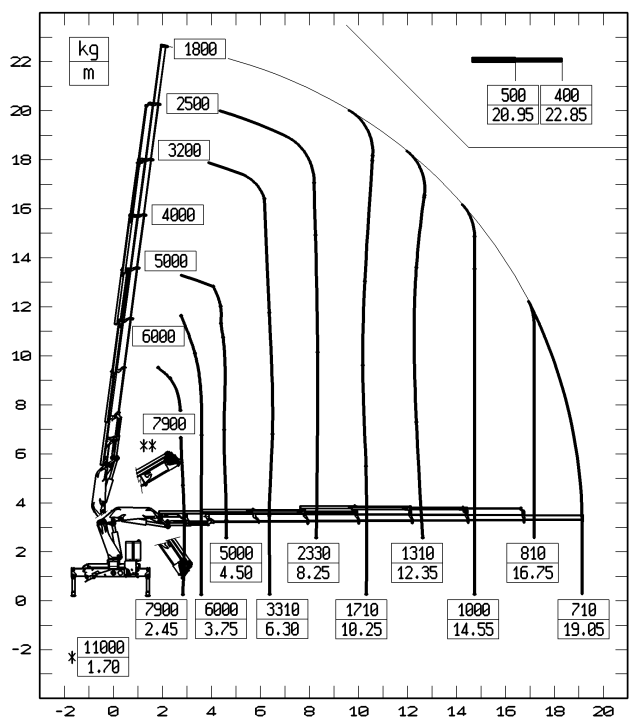
### 28025 LC



### 28026 LC

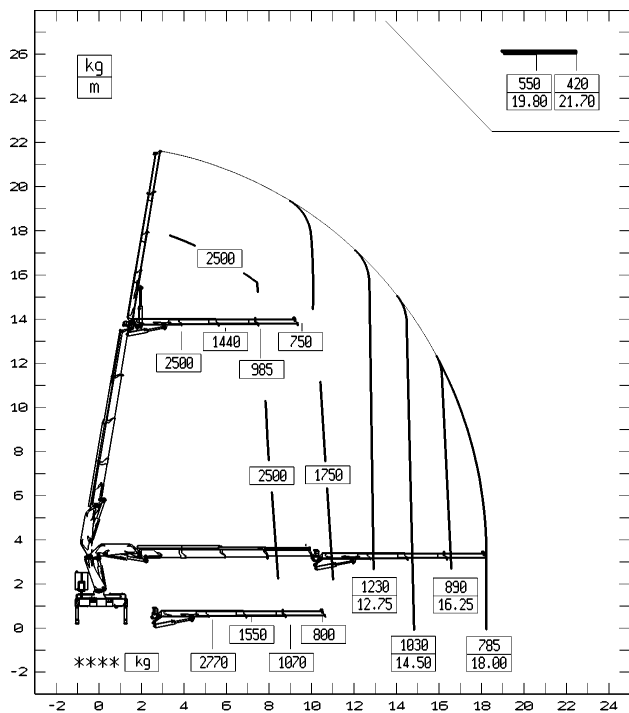


### 28027 LC

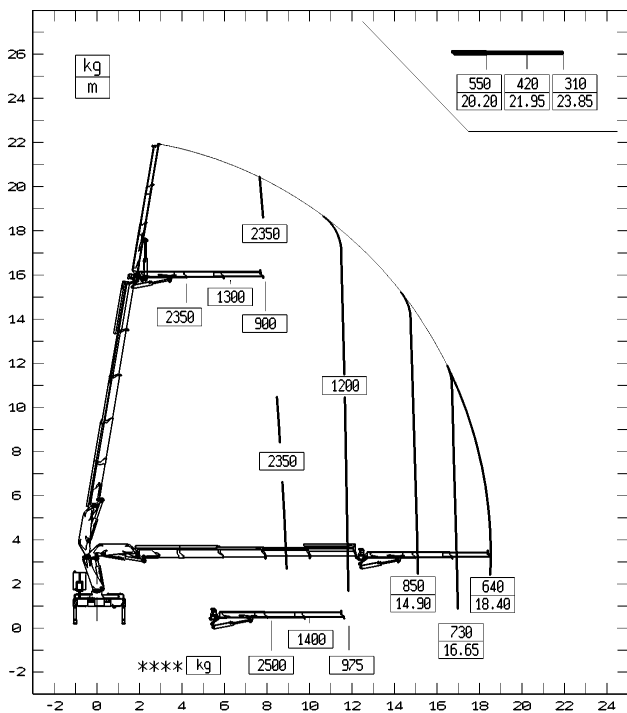


TUTTE LE GRU PM SONO COPERTE DA POLIZZA ASSICURATIVA INTERNAZIONALE PER LA RESPONSABILITÀ CIVILE VERSO TERZI  
 ALL PM CRANES ARE COVERED BY AN INTERNATIONAL INSURANCE POLICY FOR CIVIL LIABILITY THIRD PARTY  
 TOUTES LES GRUES SONT COUVERTES PAR UNE POLICE D'ASSURANCE INTERNATIONALE DE RESPONSABILITE 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

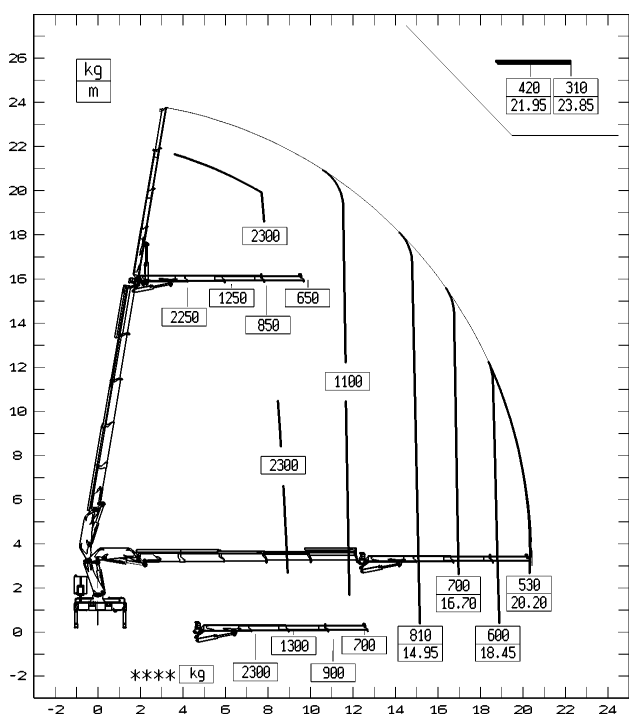
28023+J703



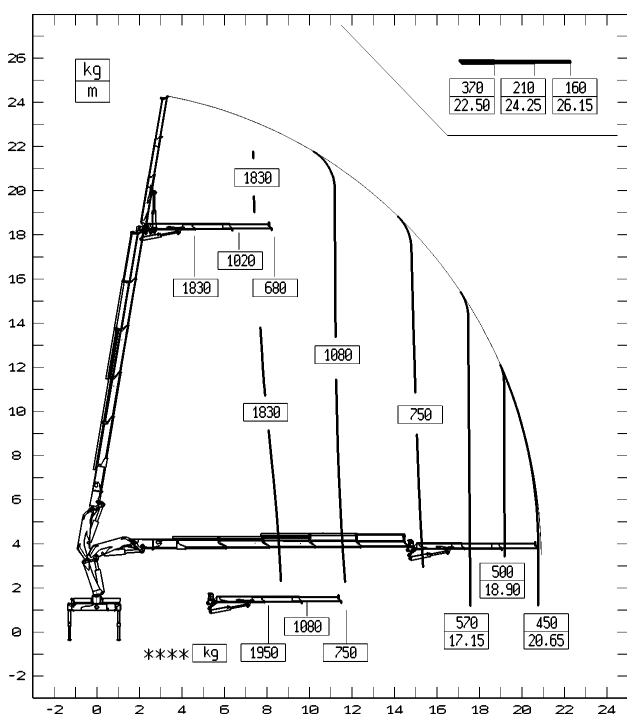
28024+J702



28024+J703



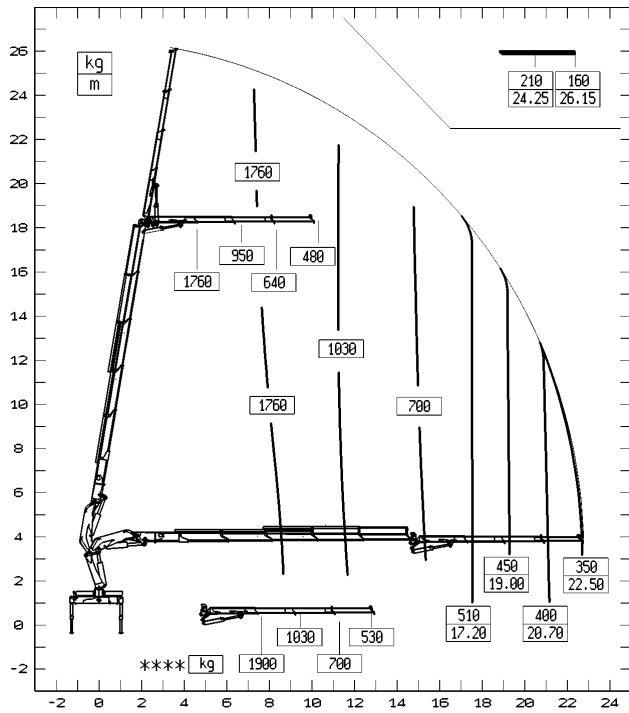
28025+J702



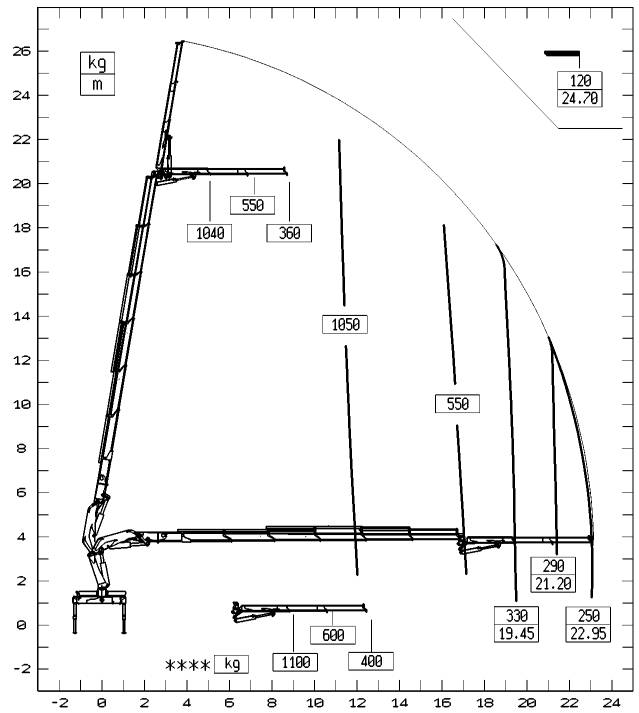
LE ANTENNE IDRAULICHE (J) POSSONO ESSERE INSTALLATE ANCHE SULLE GRU IN VERSIONE LC

The hydraulic jib can be mounted on the LC version - Les bras articulés (J) peuvent être installés sur les grues en version LC également  
 Hydraulische Knickarme können auch auf die LC Ausführungen montiert werden - Las antenas hidraulicas se pueden montar también en gruas version LC

28025+J703

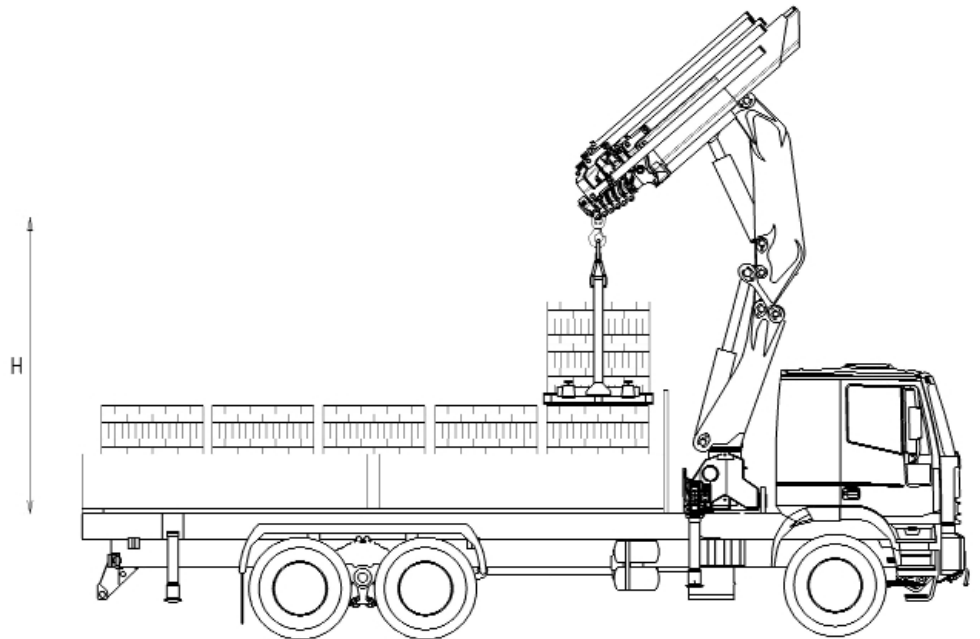


28026+J702



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

Mod.	H (m)
28022 LC	3.56
28023 LC	3.50
28024 LC	3.44
28025 LC	3.38
28026 LC	3.34
28027 LC	3.30



Gru PM, versione LC, con primo braccio retraibile idraulicamente, agevola le movimentazioni ingombranti e gravose a corto raggio, ottimizzando anche le posizioni di carico sotto colonna.

PM crane in LC version, with first hydraulic retractable boom, optimizes the load positioning close to the column, and makes easy the placement of heavy and bulky loads.

PM Ladekrane in CL Ausführung, der hydraulisch einfahrbare Erste Ausleger ermöglicht es sperrige Güter und große Lasten zu heben. Dies wird auch durch die hohe Hakenfreiheit ermöglicht.

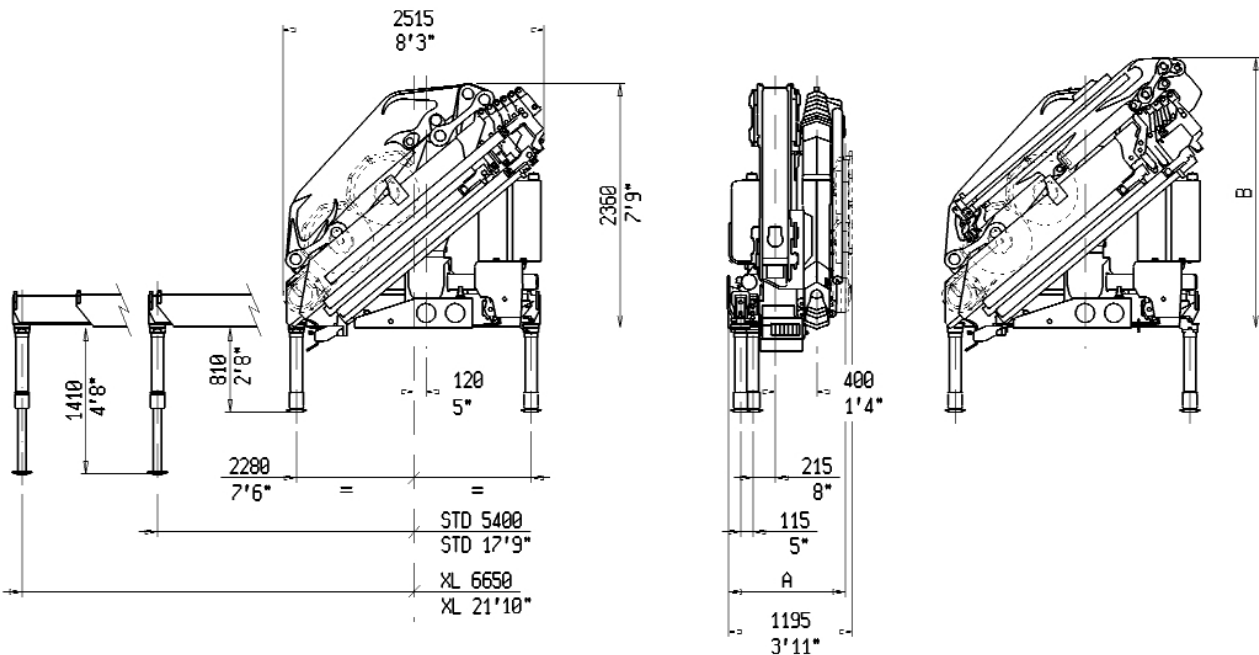
Grue PM, version LC, avec deuxième bras pouvant être raccourci hydrauliquement; cette caractéristique facilite le chargement de matériel lourd et encombrant en augmentant la hauteur disponible sous crochet et la capacité de soulèvement près de la colonne.

Grúas en versión LC, el primero brazo se recoge hidráulicamente, así que permite de elevar, mover y también colocar material pesado y de grande tamaño cerca de la columna.

mm  
ft

Mod.	28022	28023	28024	28025	28026	28027
h (mm)	1050	1050	1050	1050	1050	1100
A (ft)	3'5"	3'5"	3'5"	3'5"	3'5"	3'7"

Mod.	28023	28024	28025	28026
B (mm)	2480	2535	2550	2605
B (ft)	8'2"	8'4"	8'4"	8'7"



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

28022 28023 28024 28025 28026 28027 28023 +J703 28024 +J702 28024 +J703 28025 +J702 28025 +J703 28026 +J702

**MOMENTO DI SOLLEVAMENTO MASSIMO**

Maximum lifting moment - Moment de levage maxi -  
Max. Lastmoment - Momento de elevación máxima

kNm	253	247	239	230	227	221	--	--	--	--	--	--
tm	25,8	25,2	24,4	23,5	23,1	22,5	--	--	--	--	--	--

**SBRACCIO OLEODINAMICO**

Maximum hydraulic reach - Allongement hydraulique  
Hydraulische Reichweite, Standard - Alcance hidráulico

ORIZZONTALE - Horizontal - Horizontal - Horizontal - Horizontal	m	7,85	9,95	12,10	14,40	16,70	19,05	18,00	18,40	20,20	20,65	22,50	22,95
VERTICALE - Vertical - Vertical - Vertikal - Vertical	m	11,50	13,50	15,70	17,90	20,20	22,50	21,60	25,00	21,90	24,20	26,50	26,40

**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	22,85	22,85	22,85	22,85	22,85	22,85	21,70	23,85	23,85	26,15	26,15	24,70
VERTICALE - Vertical - Vertical - Vertikal - Vertical	m	26,10	26,10	26,10	26,10	26,10	26,10	25,05	27,00	27,10	29,20	29,50	28,80

**IMPIANTO OLEODINAMICO - Hydraulic system - Circuit hydraulique -  
Hydraulikanlage - Sistema hidráulico**

PORTATA RACCOMANDATA - Recommended oil flow - Débit recommandé -  
Empfohlene Fördermenge - Caudal requerido

l/min	45	45	45	45	45	45	45	45	45	45	45	45	45
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PRESSIONE MASSIMA - Rated pressure - Pression maxi -  
Betriebsdruck - Presión máxima

MPa	31,5	31,5	31,5	31,5	31,5	31,5	28,5	28,5	28,5	28,5	28,5	28,5	28,5
-----	------	------	------	------	------	------	------	------	------	------	------	------	------

CAPACITÀ DEL SERBATOIO - Tank capacity - Capacité du réservoir -  
Tankinhalt - Capacidad del depósito de aceite

l	150	150	150	150	150	150	150	150	150	150	150	150	150
---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

**GRUPPO DI ROTAZIONE - Slewing system - Rotation -  
Schwenksystem - Sistema de giro**

ANGOLO DI ROTAZIONE - Slewing angle - Angle de rotation -  
Schwenkbereich - Angulo de giro

°	408	408	408	408	408	408	408	408	408	408	408	408	408
---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

COPPIA DI ROTAZIONE - Slewing moment - Couple de rotation -  
Schwenkmoment - Momento de giro

kNm	36	36	36	36	36	36	36	36	36	36	36	36	36
-----	----	----	----	----	----	----	----	----	----	----	----	----	----

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)	8,7(5)	8,7(5)	8,7(5)	8,7(5)	8,7(5)	8,7(5)	8,7(5)	8,7(5)	8,7(5)
-------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

**PESO GRU STANDARD - Standard crane weight - Poids de la grue standard -  
Eigengewicht - Peso de la grúa est**

Kg	2825	3030	3225	3400	3560	3695	3590	3720	3785	3885	3955	4045
----	------	------	------	------	------	------	------	------	------	------	------	------

IN VERSIONE LC - LC Version

Kg	2950	3155	3350	3525	3685	3820	3710	3840	3910	4010	4080	4170
----	------	------	------	------	------	------	------	------	------	------	------	------

CON SERBATOIO NON RIFORNITO - Empty oil tank - Reservoir huile non garni - Oeltank leer - Deposito de aceite vacío

## CRANES, IN ALL THE LANGUAGES OF THE WORLD

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



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