

100 Series: Best value for money!

123



Low Hydraulic pressure:
less stress on piping, fittings, and cylinder seals
less heating
less stress on gear box and engine

<p>Low design weight Reduced material and component weight. Less weight means less fuel consumption.</p>	<p>Compact Innovative use of tubular steel, minimum welding and inline second boom.</p>
<p>Strong New ideas create more strength.</p>	<p>Reliable Simplified design has produced a high reliability series.</p>
<p>Low operating cost The crane requires low hydraulic pressure to work.</p>	<p>Simple Suitable for every kind of use.</p>
<p>More load capacity Up to 12% more load capacity in closed horizontal boom position.</p>	<p>Resistant In line second boom is not affected by torsional stress like a standard offset boom.</p>

The crane which is a friend to the environment

Less welding on crane's structure

- 30% reduction in emission of nitrous oxide (NOx), oxides of carbon (CO), and particulate material.
- 40kW of energy saved for each crane.

Water-based paint

- 96% reduction in solvent emissions thanks to the water-based bi-component paint.

Possibility of using "green" oils

- These types of oil guarantee high biodegradability, protection for ground and waters, in response to anti-pollution standards.

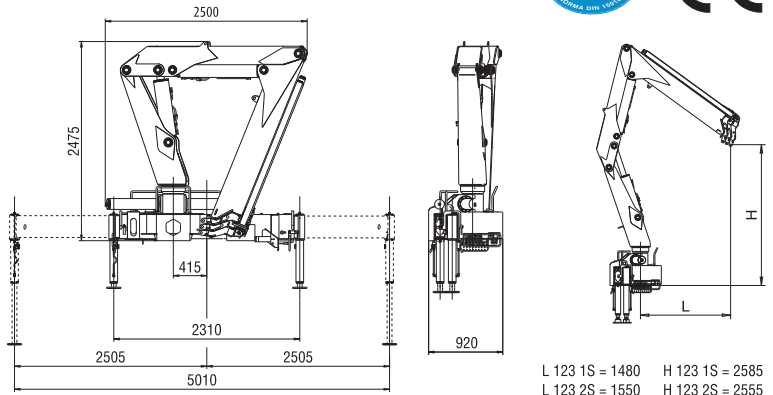
Reduction of fuel consumption and emissions

- Reduced crane weight and low working pressures mean reduction of the total vehicle weight, the harmful gas emissions and fuel consumption.

DATI TECNICI TECHNICAL DATA

	123/1S	123/2S	123/3S
kg	20530*	20090*	19300*
m	8680	8650	8500
	5100	4900	4730
	3680	3520	3360
	2730	2730	2590
	2730	2090	2090
	7.36	9.23	11.10

(*) Portata teorica - Theoretical lifting capacity



Dimensioni con stabilizzatori No CE.
Dimensions with No CE legs.

L 123 1S = 1480	H 123 1S = 2585
L 123 2S = 1550	H 123 2S = 2555
L 123 3S = 1620	H 123 3S = 2525

- Comandi bilaterali
- Stabilizzatori allungabili manualmente
- Piattello stabilizzatore snodato (CE)
- Boccole autolubrificanti
- Raccorderia DIN e JIC
- Kit di montaggio compreso
- Norma di progettazione: EN12999-DIN15018
- Classe di collaudo a fatica: B3
- Limitatore di momento (CE)
- Blocco rotazione meccanica (CE)
- Kit segnale luminoso aste chiuse (CE)
- Trasduttore proporzionale di pressione sul cilindro principale (CE)
- Sensore di corretto ripiegamento della gru (CE)
- Serbatoio olio

- Dual-side controls
- Manually opening stabilizers
- Swivel stabilizer foot (CE)
- Self-lubricating bushings
- DIN and JIC fittings
- Assembly kit included
- Designed in accordance with EN12999-DIN15018
- Fatigue test classification: B3
- Load limiting device (CE)
- Mechanical rotation limitation (CE)
- Light indicator for correct stabilizer stowing (CE)
- Proportional pressure transducer on main cylinder (CE)
- Sensor for correct stowing of the crane (CE)
- Oil tank

- Commandes bilatérales
- Stabilizateurs à ouverture manuelle
- Plat d'appui béquilles avec joint à rotule (CE)
- Douilles autolubrificantes
- Raccords DIN et JIC
- Kit de montage inclus
- Projet en accord à la norme: EN12999-DIN15018
- Essai de fatigue en classe: B3
- Limiteur de moment (CE)
- Limitation mécanique de rotation (CE)
- Kit capteurs de replies de béquilles stabilisatrices (CE)
- Capteur de pression proportionnel sur le vérin de levage (CE)
- Capteur de position "grue repliée" (CE)
- Réservoir huile

ACCESSORI

- Attivazione elementi supplementari
- Stabilizzatori allungabili idraulicamente
- Traverse supplementari
- Limitatore di momento (No CE)
- Prolunghe manuali
- Verricello
- Olio verde

ACCESSORIES

- Supplementary elements activation
- Stabilizers with hydraulic extension
- Extra cross beams
- Load limiting device (No CE)
- Mechanical booms
- Winch
- "Green" Oil

ACCESSOIRES

- Activation éléments supplémentaires
- Stabilisateurs avec ouverture hydraulique
- Béquilles supplémentaires
- Limiteur de moment (Non CE)
- Rallonges mécaniques
- Treuil
- Huile écologique

ZUBEHOERE

- Zusatzfunktionen
- Hydraulisch ausfahrbare Abstützungen
- Zusatzabstützungen
- Überlastabschalter (Nicht CE)
- Mechanische Verlängerungen
- Seilwinde
- Bio-Öl

ACCESORIOS

- Activación elementos suplementarios
- Estabilizadores extrahíbricamente
- Estabilizadores adicionales
- Limitador de momento (No CE)
- Prolongas mecánicas
- Cabrestante
- Aceite biodegradable

ACCESORIOS

- Ativação de elementos suplementares
- Estabilizadores estendidos hidráulicamente
- Estabilizadores adicionais
- Válvula limitadora de momento de carga (Não CE)
- Extensões mecánicas
- Guincho de cabo
- Óleo ecológico

MOMENTO DI SOLLEVAMENTO
MAX. LIFTING MOMENT
MOMENT D'ELEVATION MAX.
MAX. HUBMOMENT
MOMENTO DE ELEVACIÓN MÁX.
MOMENTO DE ELEVACÃO MÁX.
(tm)

	1s	2s	3s
	20,5		
hyd.	9,35	11,05	12,84
man.	11,05	12,84	14,62

PRESSIONE D'ESERCIZIO
WORKING PRESSURE
PRESSION DE SERVICE
BETRIEBSDRUCK
PRESIÓN DE TRABAJO
PRESSÃO DE TRABALHO
(bar)

	1s	2s	3s
	315		
Std.	1745	1880	2005

SBRACCIO MAX. VERTICALE
MAX VERTICAL REACH
MAX LONGUEUR DU BRAS VERTICALE
MAX VERTIKALE REICHWEITE
ALCANCE MÁX. VERTICAL
ALCANCE MÁX. VERTICAL
(m)

	1s	2s	3s
	9,35	11,05	12,84
hyd.	9,35	11,05	12,84
man.	11,05	12,84	14,62

PESO GRU SENZA STABILIZZATORI
CRANE WEIGHT WITHOUT STABILIZERS
POIDS GRUE SANS STABILISATEURS
KRANGEWICHT OHNE ABSTÜTZUNGEN
PESO DE LA GRUA SIN ESTABILIZADORES
PESO DA GRUA SEM ESTABILIZADORES
(kg)

	1s	2s	3s
	1745	1880	2005
Std.	1745	1880	2005

ANGOLO DI ROTAZIONE
SLEWING ANGLE
ANGLE ROTATION
SCHWENKBEREICH
ANGULO DE ROTACIÓN
ANGULO DE ROTAÇÃO
(°)

	380
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PESO STABILIZZATORI
WEIGHT OF STABILIZERS
POIDS DES STABILISATEURS
GEWICHT DER ABSTÜTZUNGEN
PESO ESTABILIZADORES
PESO DOS ESTABILIZADORES
(kg)

Std.	290
Hyd.	345

VELOCITÀ DI ROTAZIONE
SLEWING SPEED
VITESSE DE ROTATION
DREHGESCHWINDIGKEIT
VELOCIDAD DE ROTACIÓN
VELOCIDADE DE ROTAÇÃO
(180°)

	15 s
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CAPACITÀ SERBATOIO OLIO
OIL TANK CAPACITY
CONTENANCE RÉSERVOIR HUILE
ÖLBEHALTERINHALT
CAPACIDAD DEL TANQUE DE ACEITE
CAPACIDADE DO TANQUE DE ÓLEO
(l)

	150
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PENDENZA MAX. DI LAVORO
MAX WORKING HEEL
DEVERS MAXI DE TRAVAIL
MAX. ARBEITSNEIGUNG
INCLINACIÓN MÁX. DE TRABAJO
PENDÊNCIA MÁX. DE TRABALHO
(°)

	4 (7%)
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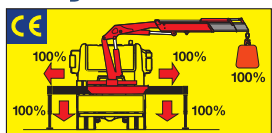
PORTATA AL DISTRIBUTORE
OIL FLOW TO THE CONTROL VALVE
DÉBIT D'HUILE HYDRAULIQUE AU DISTRIBUTEUR
HYDRAULISCHE ÖLFORDERMENGE ZUM STEUERVENTIL
CAUDAL DE ACEITE AL DISTRIBUTOR
DESCARGA DE ÓLEO HIDRÁULICO AO DISTRIBUIDOR
(l/min)

	40
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Sistema di controllo stabilità (CE)

Stability control system (CE)

M System



L'M System integrato nel limitatore di momento controlla la posizione degli stabilizzatori. Solo quando tutte le aste sono completamente aperte e tutti gli stabilizzatori sono appoggiati a terra la gru può operare e sollevare il carico.

The M System integrated in the load limiting device checks the stabilizers' positions. Only when all beams are fully open and all stabilizers are on the ground the crane can operate and lift loads.



Control display



Passo - Wheelbase - Empattement - Passo: 4185 mm M.T.T. ton 19 G.V.W. ton 19

Autocarro consigliato
Recommended truck
Camion conseillé
Camion aconsejado
Caminhão aconselhado