

MODELLI MODELS	MOMENTO LIFTING MOMENT	PRESSIONE MAX DI ESERCIZIO MAX WORKING PRESSURE	PORTATA AL DISTRIBUTORE OIL FLOW TO THE CONTROL VALVE	SBRACCIO MAX. VERTICALE MAX VERTICAL REACH	TEMPO DI ROTAZIONE SLEWING TIME	PESO WEIGHT
	tm	bar	l/min	m	s/180°	kg
A1	2,00	160	8	3,56	10	216
A2	1,98	160	8	4,51	10	243
A3	1,78	150	8	5,45	10	265

Autocarro consigliato - Recommended truck - Camion conseillé - Camion aconsejado
M.T.T. ton 2 - G.V.W. ton 2

STANDARD

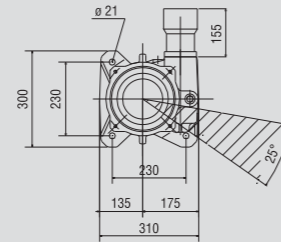
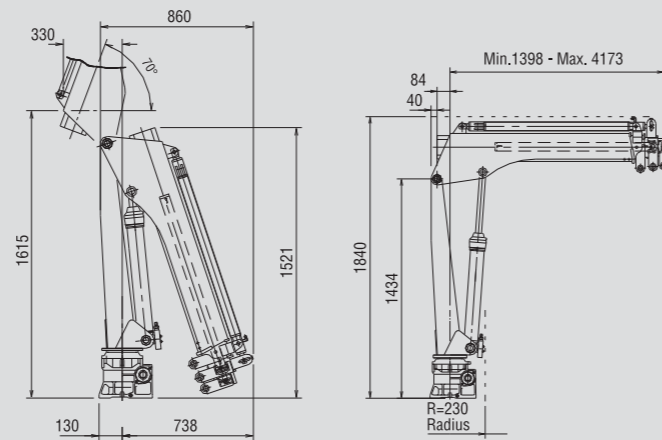


STANDARD CE



A1		2000*	1590	920	625	400
kg		1,00	1,25	2,17	3,18	4,14
m						
A2		1980*	1485	870	615	400
kg		1,00	1,33	2,25	3,18	4,14
m						
A3		1780*	1270	745	520	405
kg		1,00	1,40	2,32	3,25	4,17
m					5,13	

*) Theoretical lifting capacity



SPAZIO RICHiesto PER L'INSTALLAZIONE
NECESSARY SPACE FOR INSTALLATION

322	STD	Con attivazioni With extra-function
A1	460	460
A2	460	460
A3	460	460



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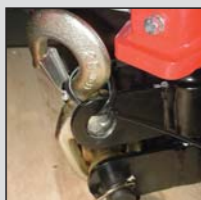
La gru F.Ili Ferrari 322 racchiude in sé caratteristiche tecniche e meccaniche di elevata qualità

Norma di progettazione EN12999:2020 + EN13849
Classe di collaudo a fatica: HC1- HD4

- Limitatore di momento (CE)
- Acciai ad alto limite di snervamento
- Basamento in fusione
- Struttura interamente sabbiata
- Bracci esagonali
- Sbracci fino a 4,17 m (5,13 m con prolunghe meccaniche)
- Valvola di sicurezza flangiata
- Carter di protezione comandi in ABS
- Sistema di rotazione con vite senza fine
- Boccole autolubrificanti
- Martinetti sfilo indipendenti
- Pattini di scorrimento sugli elementi telescopici
- Raccorderia SAE JIC 1514I
- Kit di montaggio compreso
- Kit segnale luminoso aste chiuse (CE)
- RLC
- A CLASS - Crane Control System (CE)
- LED panel - Human Machine Interface (CE)

Accessori

- Attivazione elemento supplementare
- Stabilizzatori allargabili manualmente
- Stabilizzatori girevoli allargabili manualmente
- Traversa per stabilizzatori
- Centralina elettroidraulica
- Radiocomando
- Prolonghe meccaniche
- Serbatoio



GB

The crane model 322 by F.Ili Ferrari has been designed and manufactured with high quality technical and mechanical characteristics

Design in accordance with EN12999:2020 + EN13849
Fatigue test classification: HC1- HD4

- Load limiting device (CE)
- High tensile strength steel
- Cast base and column pinion
- Structure fully sandblasted
- Hexagonal booms
- Hydraulic outreach to 4,17 m (5,13 m with mechanical extension)
- Flanged valves
- ABS protective cover on controls
- Worm screw slewing
- Self-lubricating bushings
- Independent telescopic cylinders
- Sliding pads on telescopic extensions
- SAE JIC 1514I fittings
- Mounting kit included
- Light indicator for correct stabilizer stowing (CE)
- RLC
- A CLASS - Crane Control System (CE)
- LED panel - Human Machine Interface (CE)

Accessories

- Extra function to boom tip
- Manually opening outriggers
- Manually opening and turning outriggers
- Tubular base for stabilizers
- Electro-hydraulic power unit
- Radio remote control
- Manual extensions
- Oil tank



F

La grue modèle 322 F.Ili Ferrari est conçue avec des caractéristiques techniques et mécaniques de la plus haute qualité

Normes de calcul EN12999:2020 + EN13849
Tests de fatigue en classe: HC1- HD4

- Limiteur de moment (CE)
- Acier à résistance élevée
- Embase et pignon colonne moulés
- Structure complètement sablée
- Extensions hexagonales
- Portée hydraulique jusqu'à 4,17 m (5,13 m avec rallonges mécaniques)
- Soupape de sûreté bridée
- Enveloppe de protection commande en ABS
- Rotation par vis sans fin
- Douilles autolubrifiantes
- Vérins hydrauliques indépendants
- Patins de coulissement sur les éléments télescopiques
- Raccords SAE-JIC 1514I
- Kit de montage inclus
- Kit capteurs de replis de béquilles stabilisatrices (CE)
- RLC
- A CLASS - Crane Control System (CE)
- LED panel - Human Machine Interface (CE)

Accessoires

- Activation circuit supplémentaire
- Béquilles à ouverture manuelle
- Béquilles tournantes à ouverture manuelle
- Distributeur électro-hydraulique
- Béquilles à section tubulaire
- Radiocommande
- Rallonges mécaniques
- Réservoir pour huile



CE

D

Das Kranmodell 322 vom F.Ili Ferrari ist mit höchsten Qualität für technischen und mechanischen Eigenschaften projiziert und hergestellt worden

Berechnungsnorm nach EN12999:2020 + EN13849
Ermüdungstest in Klasse: HC1- HD4

- Momentbegrenzer (CE)
- Stahl mit hoher Fließgrenze
- Gusssockel und Guszahnrad
- Sandstrahlen der Struktur
- Sechswinklige Ausschübe
- Hydraulische Reichweite bis 4,17 m (5,13 m mit mechanischen Ausschübe)
- Geflanschte Sicherheitventile
- Bedienungsschutz bei ABS
- Drehung bei Schnecke
- Selbstschmierende Buchsen
- Unabhängige hydraulischen Hebers
- Gleitschuhe auf den Ausschüben
- SAE JIC 1514I Anschlüsse
- Einsatzbau eingeschlossen
- Warnleuchte für Abstützungen (CE)
- RLC
- A CLASS - Crane Control System (CE)
- LED panel - Human Machine Interface (CE)

Zubehör

- Handöffnung der drehbare Abstützungen
- Roehrenfoermige Abstütztraverse
- Betätigung der Zusatzfunktion
- Handöffnung der Abstützungen
- Elektro-hydraulisch Schaltgerät
- Funksteuerung
- Mechanische Verlängerungen
- Ölbehälter



SP

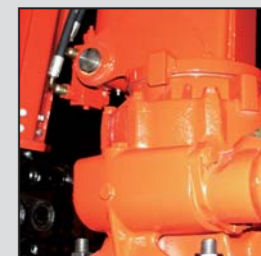
El modelo de la grúa 322 de F.Ili Ferrari se ha proyectado y fabricado con características técnicas y mecánicas de alta calidad

Norma del proyecto: EN12999:2020 + EN13849
Tipo de ensayo a la fatiga: HC1- HD4

- Limitador de carga (CE)
- Acero en el alto borde de rendimiento
- Piñón de la columna y de la base moldeados
- Estructura completamente arenada
- Prolongas hexagonales
- Alcances hidráulicos hasta 4,17 m (5,13 m con prolongas mecánicas)
- Válvula de seguridad ensanchada
- Carter de protección en ABS
- Rotación mediante tornillo sin fin
- Casquillos autolubrificantes
- Prolongas independientes
- Patín de deslizamiento sobre las prolongas telescópicas
- Raccorderia SAE-JIC 1514I
- Kit de montaje incluido
- Indicador luminoso de estabilizadores cerrados (CE)
- RLC
- A CLASS - Crane Control System (CE)
- LED panel - Human Machine Interface (CE)

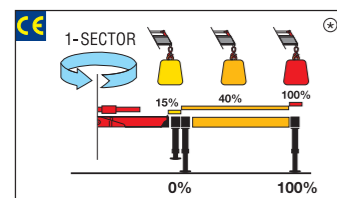
Accesorios

- Elemento adicional
- Patas apertura manual
- Patas giratorias apertura manual
- Base tubular de estabilizador
- Central electro-hidráulica
- Mando a distancia
- Prolongas mecánicas
- Depósito de aceite



Crane control system

A - CLASS



N. 2 step stabilizer beams

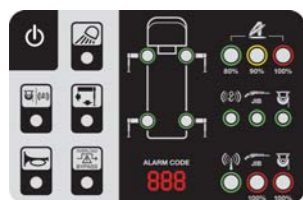
N. 1 sector on slewing

Mono-area pressure limit

The percentages present in the pictures are merely examples and they have no bearing on the cranes' real lifting capacities. The cranes' real lifting capacities will depend on truck's stability.

Human machine interface

L - LED PANEL



Available for the entire range till 28 tm.

Highly user-friendly design, with buttons and LED lights. Dedicated led lights to identify the position of each stabilizer. New 3-digits display has been added to inform the operator about alarms and errors.

Crane controls

M - MANUAL CONTROL



Crane with manual sequential controls have levers mounted on both sides of the crane.

At each control station, the orientation of the controls can be the same up to down or left to right.

S - SINGLE HAND REMOTE CONTROL



HETRONIC

The compact, ergonomic design of the transmitter allows easy operation of the crane with only one hand.

The operator chooses the function to move by pressing a switch and then, proportionally adjust the speed by pressing the trigger.



Questo dispositivo visualizza su un display collocato in prossimità dei comandi il carico applicato al gancio, rendendo l'utilizzo della gru e delle prolunghe meccaniche sicuro secondo la normativa europea EN 12999.

This device shows the load at the hook on a display placed near the controls, making safe the use of the crane and mechanical booms following the European rule EN 12999.

