

HYVA CRANE HC 501 X

CE

MODELS	LIFTING MOMENT	MAX VERTICAL REACH	SLEWING ANGLE	SLEWING TIME	MAX WORKING HEEL	WORKING PRESSURE	CRANE WEIGHT WITHOUT STABILIZERS	WEIGHT OF STABILIZERS	OIL TANK CAPACITY	OIL FLOW	DIMENSIONS		
											tm	m	°
HC501X E2	45,0	12,1	MAN.	-	400	25	4	315	4040	210	80	2505x2460x1275	
HC501X E3	-	14,1	20,3	400	-	25	4	315	4290	210	80	2505x2460x1275	
HC501X E4	-	16,1	22,5	400	-	25	4	315	4570	210	80	2505x2460x1275	
HC501X E5	-	18,2	24,7	400	-	25	4	315	4810	210	80	2505x2460x1285	
HC501X E6	-	20,3	27,0	400	-	25	4	315	5010	210	80	2505x2460x1285	
HC501X E7	-	22,5	27,0	400	-	25	4	315	5200	210	80	2505x2460x1400	
HC501X E8	-	24,7	27,0	400	-	25	4	315	5380	210	80	2510x2480x1400	
HC501X E6J4	-	30,1	32,0	400	-	25	4	315	5880	210	80	2515x2725x1470	

ACCESSORIES

Supplementary elements activations (1)
Winch
Manual extensions
One-shot lubrication
Extra extensible stabilizers
Automatic tilting stabilizers
Oil cooler
Top seat
Operator Full Protection
Extra cross beams
"Green" Oil®

ZUBEHOERE

Zusätzliche Steuerelemente (1)
Seilwinde
Mechanische Ausleger
Sammelschmierung
Abstützungen mit Extraauszug
Automatisch drehbare Abstützungsbüne
Ölkühler
Hoch Führersitz
Operator Full Protection
Zusatzaufstützungen
Bio-Oil®

(1) No E3 - E5 - E7 - E8 - E6J4

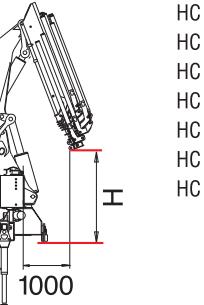
ACCESOIRES

Activation éléments supplémentaires (1)
Treib
Rallonges mécaniques
Lubrification centrale
Stabilisateurs extra extensibles
Béquilles tournantes automatiques
Refroidisseur huile
Poste de manœuvre en haut
Operateur Full Protection
Béquilles supplémentaires
Huile écologique®

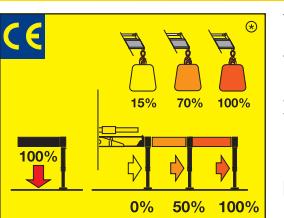
ACCESORIOS

Ativación de elementos suplementares (1)
Guincho de cabo
Extensões mecânicas
Lubrificação central
Estabilizadores extra extensíveis
Estabilizadores articulados automáticos
Radiador para refrigeração de óleo
Posto de manobra no cimo
Operador Full Protection
Estabilizadores adicionais
Óleo ecológico®

Eco-friendly



H2XL



Stability control system (CE)

The TCU checks the positions of the stabilizers and divides the working area into 4 slewing sectors: over the cabin, right side, left side and the rear of the vehicle. Depending on the position of the beams and the stabilizers, the crane's lifting capacity changes according to the settings made by the installer. This allows the operator to use the crane even with a beam partially or fully retracted without having stability problems.

The HPES (Proportional Encoder Sensor) recognizes 3 positions of the stabilizers' beams: fully open, half extended, fully closed.

The HRCS (Rotation Control Sensor) recognizes 4 slewing sectors: over the cabin, right side, left side, to the rear of the vehicle.



With manual opening stabilizers, the H2XL System only recognizes completely open or completely closed beam positions.

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

TRUCK-MOUNTED CRANES HC 501 X



Tipping Solutions | Container Handling | Waste Handling | Cranes



Quality and environmental certified



Hyva Holding B.V.

Antonie van Leeuwenhoekweg 37

2408 AK Alphen aan den Rijn

The Netherlands

Telephone: +31 (0)172 - 42 35 55

Telefax: +31 (0)172 - 42 08 80

info@hyva.com

www.hyva.com

www.hyvacrane.com

Dealer

TRUCK-MOUNTED CRANES HC 501 X



www.hyva.com

HYVA CRANE HC 501



- Load limiting device
- Independent extension cylinders
- Hexagonal section extensions
- Radio remote control
- Outriggers with hydraulic extension
- Flanged valves
- Assembly kit
- Designed in accordance with: EN12999-DIN15018
- Fatigue test classification: B3
- Oil tank
- Proportional control valve
- Pivoting stabilizer legs
- Swivel outrigger foot
- Light indicator for correct stabilizer stowing (CE)
- Proportional inclination sensor on boom
- Proportional pressure transducer on main cylinder
- Sensor for correct stowing of the crane (CE)
- 90%-100% light visible from all around the crane



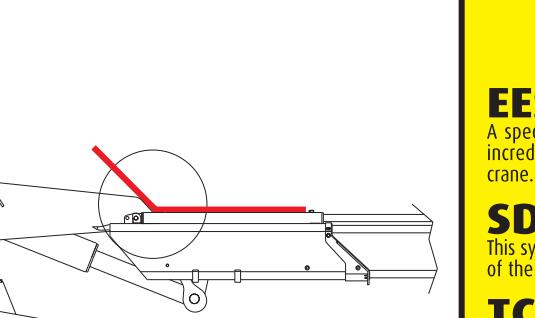
- Limiteur de moment
- Vérins hydrauliques à sortie indépendante
- Extensions à section hexagonale
- Radiocommande
- Béquilles avec ouverture hydraulique
- Vannes bridées
- Kit de brides de fixation
- Projet en accords aux normes: EN12999-DIN15018
- Essai de fatigue avec classification: B3
- Réservoir huile
- Distributeur proportionnel
- Béquilles pivotantes
- Plat d'appui béquilles avec joint à rotule
- Kit capteurs de répiles de béquilles stabilisatrices (CE)
- Capteur proportionnel d'inclinaison sur le second bras
- Capteur de pression proportionnel sur le vérin de levage
- Capteur de position "grue repliée" (CE)
- Colonne tricolore indiquant le statut de charge (90%-100%) visible de tous les côtés de la grue



- Momentbegrenzer
- Unabhängige Schubzylinder
- Sechskantige Ausschübe
- Funkfernsteuerung
- Hydraulisch ausfahrbare Abstützungen
- Ventile mit Flansch
- Befestigungsteile
- Berechnungsnorm nach EN12999-DIN 15018
- Ermüdungstest in Klasse: B3
- Ölbehälter
- Steuerventil
- Gelenkige Abstützbeine
- Abstützbeine mit Gelenkfüßen
- Warnleuchte für Abstützungen(CE)
- Proportionsensor für die Neigung am 2. Ausschub
- Proportionaler Druckwandler am Hauptzylinder
- Transdutor de pressão no cilindro de elevação
- Sensor für die korrekte Zusammenfaltung des Kranes (CE)
- Licht 90%-100 % sichtbar von allen Seiten des Kranes



- Válvula limitadora de momento de carga
- Cilindros de extensão independentes
- Extensões a seção hexagonal
- Comando por rádio
- Estabilizadores estendidos hidráulicamente
- Válvulas flangeadas
- Kit de montagem
- Norma do projeto: EN12999-DIN 15018
- Tipo de ensaio de fadiga: B3
- Reservatório de óleo
- Distribuidor proporcional
- Estabilizadores articulados
- Plataforma de patilhamento articulada
- LED Indicador de recolhimento correcto de estabilizador (CE)
- Sensor de inclinação no segundo braço
- Transdutor de pressão no cilindro de elevação
- Indicador luminoso de recolhimento correcto de guindaste (CE)
- Indicação luminosa 90%-100% visível de todos os lados do guindaste



Second boom with negative angle in order to simplify operations in difficult access conditions

Second bras avec angle de virage négatif au fin de faciliter les opérations en conditions d'accès difficile

Zweiter Hebelarm mit negativem Winkel um die Arbeitsgange in den schwierigen Bedingungen von Zugang zu erleichtern

Segundo braço com ângulo negativo para facilitar as operações em condições de difícil acesso.

EES Extra Extension Speed

A special regenerative valve re-uses oil during extension, ensuring an incredibly high speed without compromising the safe operation of the crane.

SDS Smooth Descent System

This system compensates for boom oscillation, ensuring smooth movement of the load.

TCU Total Control Unit

TCU is a monitoring system designed by Hyva Crane to control all aspects of crane operation, including control of accessories. A display shows the user the state of the crane and easy on-board diagnostics allow the technician and dealer to inspect the activities of the crane.

LCS Lift Control System

Lift Control System increases the capacity of the crane up to 10% by reducing the speed when the crane is near its maximum lifting capacity.

LAS Liftrod Articulating System

Thanks to the connecting rods the lifting capacity of the crane is constant in all boom positions.

HC501X	E2	kg m	44990*	22685*	10735	7580	5805
			1.00	1.95	4.12	5.90	7.75

HC501X	E3	kg m	4340*	22225*	10240	7240	5515
			1.00	1.95	4.23	6.00	7.85

HC501X	E4	kg m	42770*	21935*	9830	6940	5225
			1.00	1.95	4.35	6.10	7.95

HC501X	E5	kg m	41910*	21490*	9630	6710	5000
			1.00	1.95	4.35	6.10	7.95

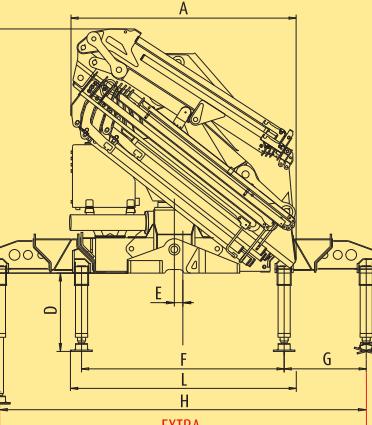
HC501X	E6	kg m	41690*	21045*	9325	6450	4765
			1.00	1.95	4.40	6.15	8.00

HC501X	E7	kg m	40200*	20615*	9125	6245	4565
			1.00	1.95	4.40	6.15	8.00

HC501X	E8	kg m	39500*	20295*	8770	5985	4350
			1.00	1.95	4.50	6.20	8.10

HC501X	E64	kg m	880	855	765	705	655
			18.80	20.50	22.20	24.00	25.80

*) Theoretical lifting capacity



	A	B	C	D	E	F	G	H	I	EXTRA
A	2128	2210	2315	2372	2455	2464	2509	2515		
B	2460	2460	2460	2460	2460	2460	2460	2480		2725
C	1462	1462	1462	1462	1462	1462	1462	1462		1462
D	875	875	875	875	875	875	875	875		875
E	95	95	95	95	95	95	95	95		95
F	2263	2263	2263	2263	2263	2263	2263	2263		2263
G	1393	1393	1393	1393	1393	1393	1393	1393		1393
H	5050	5050	5050	5050	5050	5050	5050	5050		5050
I	1275	1275	1275	1275	1285	1285	1400	1400		1470
L	2503	2503	2503	2503	2503	2503	2503	2503		2503
EXTRA	7400	7400	7400	7400	7400	7400	7400	7400		7400

CAN-BUS



Only CE Version

Pressure compensated control valve: SAUER DANFOSS PVG32

■ Multifunction remote control

■ Protected against radio interference

■ Move around the truck freely

Truck-mounted cranes