

HYVA[®] CRANE
HB 60



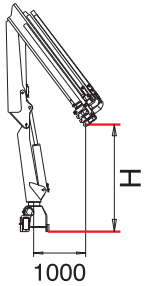
	MOMENT D'ELEVATION MAX. MAX. AUFHEBEMOMENT MOMENTO DE ELEVACO MAX.	LONGUEUR DU BRAS VERTICALE MAX VERTIKALE REICHWEITE ALCANCE MAX. VERTICAL	ANGLE ROTATION DREHWINKEL ANGULO DE ROTACO	VITESSE DE ROTATION DREHGESCHWINDIGKEIT VELOCIDADE DE ROTACO	DEVERS MAXI DE TRAVAIL MAX. ARBEITSNEIGUNG PENDENCIA MAX. DE TRABALHO	PRESSIO DE SERVICE BETRIEBSDRUCK PRESSO DE TRABALHO	MASSE GRUE SANS STABILISATEURS KRANGEWICHT OHNE ABSTÜTZUNGEN PESO DA GRUA SEM ESTABILIZADORES	POIDS DES STABILISATEURS GEWICHT DER ABSTÜTZUNGEN PESO DOS ESTABILIZADORES	CONTENANCE RÉSERVOIR HUILE ÖLBEHALTERINHALT CAPACIDADE DO DEPOSITO DE ÓLEO	DÉBIT D'HUILE HYDRAULIQUE AU DISTRIBUTEUR HYDRAULISCHE ÖLTRAGFÄHIGKEIT ZUM WEGEVENTIL DESCARGA DE ÓLEO HIDRÁULICO AO DISTRIBUIDOR	
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	°	s/180°	°	bar	kg	kg	l	l/min	mm B x h x S
HB60 E1	6,58	8,34	387	15	4	245	800		35	20	2240x1980x600
HB60 E2	-	9,81	387	15	4	245	870	100 std.	35	20	2240x1980x600
HB60 E3	-	11,34	387	15	4	245	930	145 Extra	35	20	2240x1980x600
HB60 E4	-	12,90	387	15	4	245	980		35	20	2250x1980x600

ACCESSORIES

Outriggers with hydraulic extension
Supplementary elements activations
Winch
Manual extensions
Pivoting stabilizer legs
Extra extensible stabilizers
Top seat
Operator Full Protection (CE)

ACCESSOIRES

Béquilles avec ouverture hydraulique
Activation éléments supplémentaires
Treuil
Rallonges mécaniques
Béquilles pivotantes
Stabilisateurs extra extensibles
Poste de manoeuvre en haut
Operator Full Protection (CE)



HB 60 E1 = 2215
HB 60 E2 = 2215
HB 60 E3 = 2135
HB 60 E4 = 2025

ZUBEHOERE

Hydraulisch ausfahrbare Abstützungen
Zusätzliche Steuerelemente
Seilwinde
Mechanische Ausleger
Gelenktige Abstützbeine
Abstützungen mit Extraauszug
Hoch Führersitz
Operator Full Protection (CE)

ACCESORIOS

Estabilizadores estendidos hidráulicamente
Ativação de elementos suplementares
Guincho de cabo
Extensões mecânicas
Estabilizadores articulados
Estabilizadores extra extensíveis
Posto de manobra no cimo
Operator Full Protection (CE)



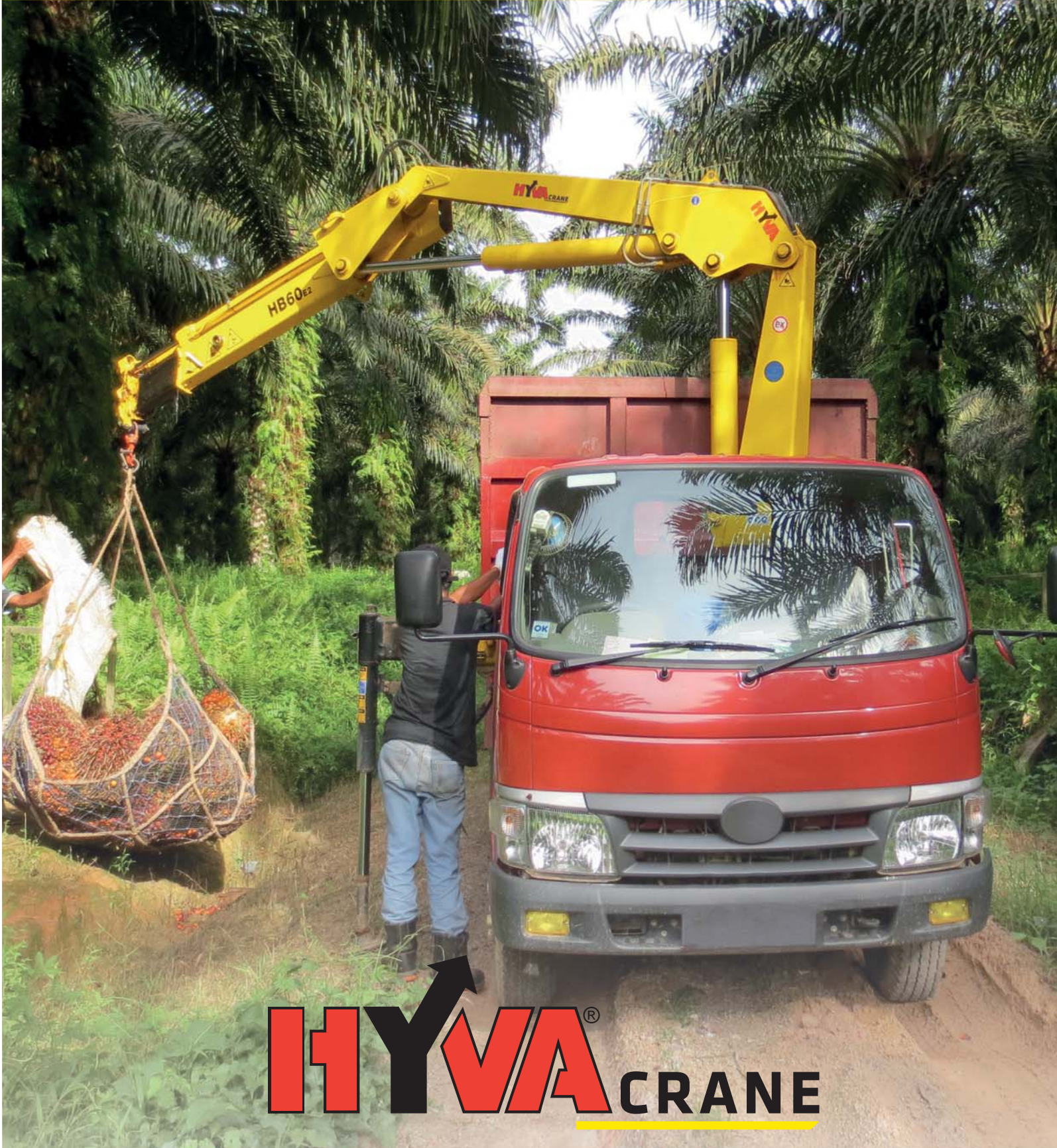
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DEALER

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TRUCK-MOUNTED CRANES
HB 60



HYVA[®] CRANE HB 60



- Load limiting device (CE)
- Hexagonal section extensions
- Independent extension cylinders
- Flanged valves
- Assembly kit
- Designed in accordance with: EN12999-DIN15018
- Fatigue test classification: B3
- Oil tank
- Fixed stabilizer cylinders
- Dual controls (No with radio remote control)
- Light indicator for correct stabilizer stowing (CE)
- Mechanical rotation limitation (CE)



- Limiteur de moment (CE)
- Extensions à section hexagonale
- Vérins hydrauliques à sortie indépendante
- Vannes bridées
- Kit de brides de fixation
- Projet en accords aux normes: EN12999-DIN15018
- Essai de fatigue avec classification: B3
- Réservoir huile
- Vérins stabilisateurs fixes
- Commandes bilatérales (Non avec radiocommande)
- Kit capteurs de replis de béquilles stabilisatrices (CE)
- Limitation mécanique de la rotation (CE)

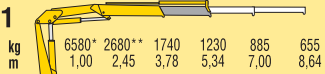


- Momentbegrenzer (CE)
- Sechskantige Ausschübe
- Unabhängige Auszugszylinder
- Ventile mit Flansch
- Befestigungsteile
- Berechnungsnorm nach EN12999-DIN15018
- Ermüdungstest in Klasse: B3
- Ölbehälter
- Feste Abstützungen
- Beideseitige Kransteuerungen (Nicht mit Funkfernsteuerung)
- Warnleuchte für Abstützungen(CE)
- Mechanischer Schwenkbegrenzer (CE)

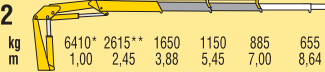


- Válvula limitadora de momento de carga (CE)
- Extensões sextavadas
- Cilindros de extensão independentes
- Válvulas flangeadas
- Kit de montagem
- Norma do projeto: EN12999-DIN15018
- Tipo de ensaio de fadiga: B3
- Reservatório de óleo
- Estabilizadores fixos
- Comandos bilaterais (não com comando por rádio)
- LED indicador de recolhimento correcto de estabilizador (CE)
- Limitador mecânico de giro (CE)

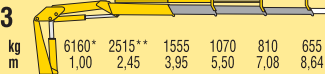
HB60 E1



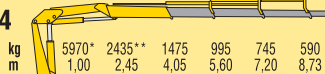
HB60 E2



HB60 E3



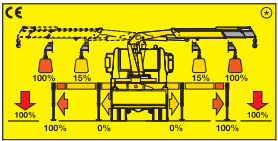
HB60 E4



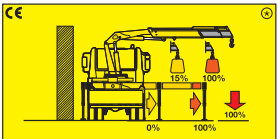
*) Theoretical lifting capacity
**) Fixed hook capacity

Stability control systems (CE)

HXL System



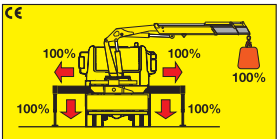
The **TCU** checks the positions of the stabilizers beams, monitoring for two possible positions: beam fully open, beam not fully open. Depending on the position of the beams and the stabilizers, the crane's lifting capacity changes according to the setting made by the installer. This allows the operator to use the crane even with a beam partially or fully retracted without having stability problems.



Optional HRCS

The Rotation Control Sensor constantly checks the slewing position of the crane and limits the lifting capacity depending on the beams' and the stabilizers' positions.

HML System

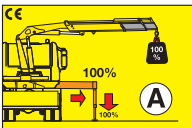


The **HML System** integrated in the load limiting device checks the stabilizers' positions. Only when all beams are fully open and all stabilizers are on the ground the crane can operate and lift loads.

Control display



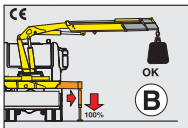
HL System



The **HL system** checks the stabilizers' positions and the truck's inclination.

According to the beams' positions, the system allows two operating modes:

Mode A - all beams fully open and all stabilizers feet on the ground.
Mode B - stabilizers on the ground only.



In **mode A**: the load limiting device stops the crane when the crane reaches 100% of the nominal capacity.
In **mode B**: a dedicated sensor monitors the truck's inclination. The load limiting device stops the crane before it reaches an inclination angle dangerous for stability, or when the crane reaches its nominal capacity.



Control display



HB 60



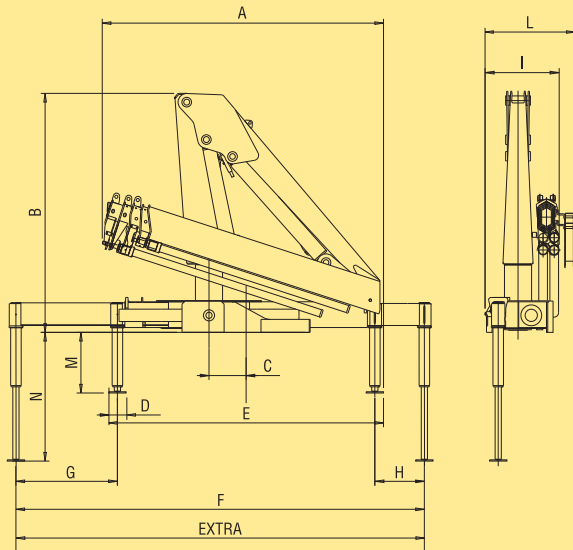
■ Compact dimensions and reduced weight



■ Proportional speed control of any single movement



■ Stabilizer control by radio



HB 60	E1	E2	E3	E4
A	2020	2100	2220	2250
B	1940	1940	1940	1940
C	300	300	300	300
D	140	140	140	140
E	2220	2220	2220	2220
F	3300	3300	3300	3300
G	820	820	820	820
H	400	400	400	400
I	600	600	600	600
L	725 OPT.	725 OPT.	725 OPT.	725 OPT.
M	495	495	495	495
N	1045	1045	1045	1045
EXTRA	4430	4430	4430	4430