

# HYVA CRANE

## HA 70

CE

| MODELS  | LIFTING MOMENT | MAX VERTICAL REACH | SLEWING ANGLE | SLEWING TIME s/180° | MAX WORKING HEEL ° | WORKING PRESSURE bar | CRANE WEIGHT WITHOUT STABILIZERS kg | WEIGHT OF STABILIZERS kg | OIL TANK CAPACITY l | OIL FLOW l/min | DIMENSIONS mm B x h x S |
|---------|----------------|--------------------|---------------|---------------------|--------------------|----------------------|-------------------------------------|--------------------------|---------------------|----------------|-------------------------|
| HA70 E2 | 6,73           | 7,80               | 387           | 15                  | 4                  | 260                  | 780                                 | 100 std.                 | 35                  | 18             | 2310x1995x550           |
| HA70 E3 | -              | 9,30               | 387           | 15                  | 4                  | 260                  | 840                                 | 145 Ext.Man.             | 35                  | 18             | 2310x1995x550           |
| HA70 E4 | -              | 10,9               | 387           | 15                  | 4                  | 260                  | 900                                 | 175 Ext.Hyd.             | 35                  | 18             | 2310x1995x550           |

### ACCESSORIES

Load limiting device (No CE)  
Supplementary elements activations  
Mechanical rotation limitation (No CE)  
Winch  
Manual extensions  
Turning stabilizers  
Top seat  
Operator Full Protection  
Manually extra extensible stabilizers  
Hydraulic extra extensible stabilizers  
Extra cross beams  
"Green" Oil\*

### ZUBEHOERE

Momentbegrenzer (Nicht CE)  
Zusätzliche Steuerelemente  
Mechanischer Schwenkbegrenzer (Nicht CE)  
Seilwinde  
Mechanische Ausleger  
Drehbare Abstützbeine  
Hoch Führersitz  
Operator Full Protection  
Manuell abstützungen mit Extraauszug  
Hydraulisch abstützungen mit Extraauszug  
Zusatzausbauten  
Bio-Öl\*



### ACCESOIRES

Limiteur de moment (Non CE)  
Activation éléments supplémentaires  
Limitation mécanique de la rotation (Non CE)  
Treuil  
Rallonges mécaniques  
Stabilisateurs tournants  
Poste de manœuvre en haut  
Operator Full Protection  
Stabilisateurs extra extensibles manuels  
Stabilisateurs extra extensibles hydrauliques  
Stabilisateurs supplémentaires  
Huile écologique\*

### ACCESORIOS

Válvula limitadora de momento de carga (Não CE)  
Ativação de elementos suplementares  
Limitador mecânico de giro (Não CE)  
Guincho de cabo  
Extensões mecânicas  
Estabilizadores giratórios  
Posto de manobra no topo  
Operator Full Protection  
Estabilizadores extra extensíveis manuais  
Estabilizadores hidráulicos extra extensíveis  
Estabilizadores adicionais  
Óleo ecológico\*

### HYVA CRANE

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# TRUCK-MOUNTED CRANES

## HA 70



HYVA®  
CRANE

# HYVA CRANE HA 70



- Load limiting device (CE)
- Hexagonal section extensions
- Independent extension cylinders
- Flanged valve
- Assembly kit
- Designed in accordance with: EN12999-DIN15018
- Fatigue test classification: B3
- Oil tank
- Fittings SAE-JIC
- Sliding pads on telescopic extensions
- Self-lubricating bushings
- Fixed stabilizer cylinders
- Light indicator for correct stabilizer stowing (CE)
- Mechanical rotation limitation (CE) (No with HRCs)
- Dual controls (No with radio remote control)
- Swivel outrigger foot
- Proportional pressure transducer on main cylinder (CE)
- Sensor for correct stowing of the crane (CE)
- 90%-100% light visible from all around the crane (CE)
- Proportional inclination sensor on boom (CE)
- Capteur proportionnel d'inclinaison sur le bras (CE)



- Limiteur de moment (CE)
- Extensions à section hexagonale
- Vérins hydrauliques à sortie indépendante
- Vanne bridée
- Kit de brides de fixation
- Projet en accords aux normes : EN12999-DIN15018
- Essai de fatigue avec classification: B3
- Réservoir huile
- Tuyauterie SAE-JIC
- Patins de coulissemement sur les éléments télescopiques
- Douilles autolubrifiantes
- Vérins stabilisateurs fixes
- Kit capteurs de replies de bêquilles stabilisatrices (CE)
- Limitation mécanique de la rotation (CE) (Non avec HRCs)
- Commandes bilatérales (Non avec radiocommande)
- Plat d'appui bêquilles avec joint à rotule
- Capteur de pression proportionnel sur le vérin de levage (CE)
- Capteur de position "grue repliée" (CE)
- Colonne tricolore indiquant le statut de charge (90%-100%) visible de tous les côtés de la grue (CE)
- Capteur proportionnel d'inclinaison sur le bras (CE)



- Momentbegrenzer (CE)
- Sechskantige Ausschübe
- Unabhängige Schubzylinder
- Ventil mit Flansch
- Befestigungsteile
- Berechnungsnorm nach EN12999-DIN15018
- Ermüdungstest in Klasse: B3
- Ölbehälter
- Anschlüsse SAE-JIC
- Gleitschuh auf den Ausschüben
- Selbstschmierende Buchsen
- Feste Abstützungen
- Warnleuchte für Abstützungen (CE)
- Mechanischer Schwenkbegrenzer (CE) (Nicht mit HRCs)
- Beidseitige Kransteuerungen (Nicht mit Funkfernsteuerung)
- Gelenkstützsteller
- Proportionaler Druckwandler am Hauptzylinder (CE)
- Sensor für die korrekte Zusammenfaltung des Kranes (CE)
- Licht 90%-100% sichtbar von allen Seiten des Kranes (CE)
- Proportionalssensor für die Neigung am Ausschub (CE)
- LED indicador de recolhimento correcto de estabilizador (CE)
- Limitador mecânico de giro (CE) (Não com HRCs)
- Comandos bilaterais (Não com comando por rádio)
- Plataforma de patolamento articulada
- Transdutor de pressão no cilindro de elevação (CE)
- Indicador luminoso de recolhimento correcto de quindaste (CE)
- Indicação luminosa 90%-100% visível de todos os lados do guindaste (CE)
- Sensor de inclinação no braço (CE)



- Válvula limitadora de momento de carga (CE)
- Extensões sextavadas
- Cilindros de extensão independentes
- Válvula flangeada
- Kit de montagem
- Norma do projeto: EN12999-DIN15018
- Tipo de ensaio de fadiga: B3
- Reservatório de óleo
- Conexões SAE-JIC
- Calços deslizantes em extensões telescópicas
- Buchas auto-lubrificantes
- Estabilizadores fixos
- LED indicador de recolhimento correcto de estabilizador (CE)
- Limitador mecânico de giro (CE) (Não com HRCs)
- Comandos bilaterais (Não com comando por rádio)
- Plataforma de patolamento articulada
- Transdutor de pressão no cilindro de elevação (CE)
- Indicador luminoso de recolhimento correcto de guindaste (CE)
- Indicação luminosa 90%-100% visível de todos os lados do guindaste (CE)
- Sensor de inclinação no braço (CE)

**HA70 E2**

| kg | 6730* | 3380 | 1885 | 1300 | 935  | 690  |
|----|-------|------|------|------|------|------|
| m  | 1,00  | 1,99 | 3,55 | 5,10 | 6,75 | 8,40 |

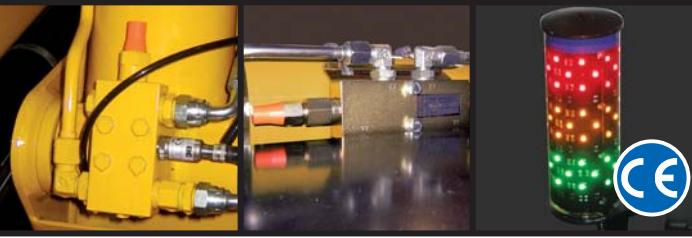
**HA70 E3**

| kg | 6620* | 3225 | 1790 | 1230 | 935  | 690  | 470   |
|----|-------|------|------|------|------|------|-------|
| m  | 1,00  | 2,05 | 3,62 | 5,20 | 6,75 | 8,40 | 10,00 |

**HA70 E4**

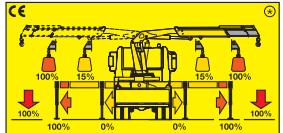
| kg | 6530* | 3035 | 1700 | 1150 | 865  | 690  | 470   |
|----|-------|------|------|------|------|------|-------|
| m  | 1,00  | 2,15 | 3,73 | 5,30 | 6,85 | 8,40 | 10,00 |

\* Theoretical lifting capacity



## Stability control systems (CE)

### HXL System

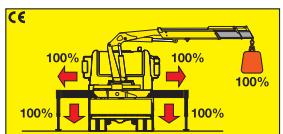


The TCU checks the positions of the stabilizers beams, monitoring for two possible positions: beam fully open, beam not fully open. Depending on the position of the beams and the stabilizers, the crane's lifting capacity changes according to the setting made by the installer. This allows the operator 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.

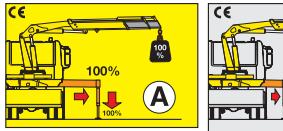
### HML System



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.



### HL System



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.

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

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

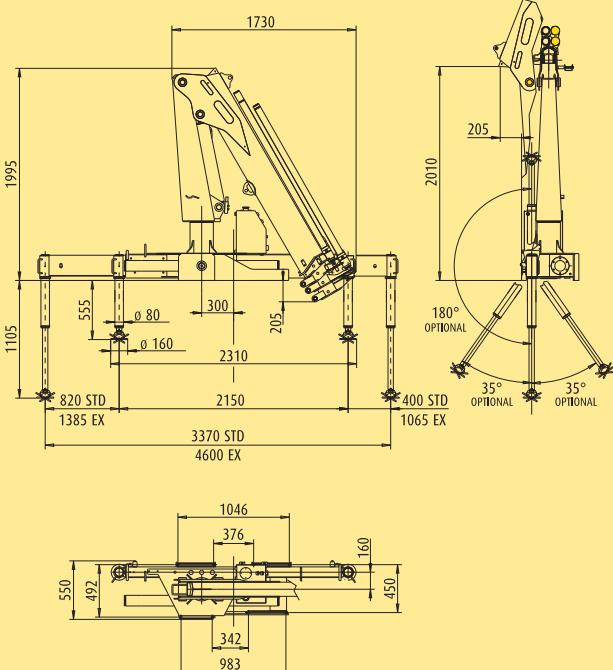
Mode B - stabilizers on the ground only.



Compact dimensions and reduced weight

Proportional speed control of any single movement

Stabilizer control by radio



Truck-mounted cranes