

# BG LIFT

THE BEST TOOLS FOR YOUR WORK

COMPACT CRANE / MINI CRANE / PICK AND CARRY



▶ **CWE 525** ◀◀◀

**SIMPLE ANSWERS TO COMPLEX LIFTING**



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## CWE 525 (BIG COMPACT CRANE)

An Exclusive Project of BG LIFT Engineers Team, realized with best materials and Hi-Tech Technologies.














The best possible union between Power and Performance combined to an incredible Compactness, unimaginable until today. The light dimensions and the millimetric movements manoeuvrability allow to operate in extremely Narrow spaces, normally inaccessible to other cranes of the same class.

### SPECIFICATIONS

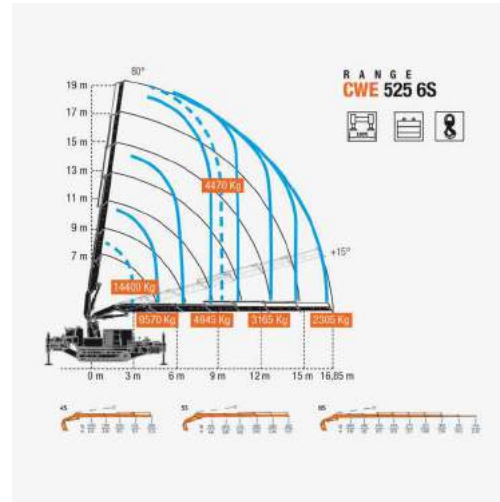
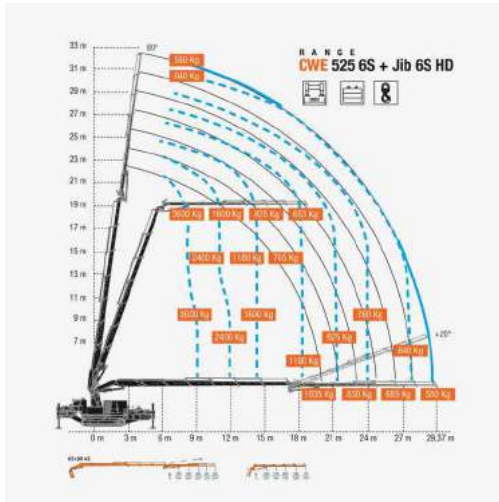
- **Dimensions ( h × w × l )**  
2,61 × 1,85 × 5,07 m
- **Weight**  
13200 kg
- **Lifting capacity**  
14515 kg
- **Max outreach with Jib 6S**  
29,40 m
- **Maximum lifting height with hydraulic Jib 6S (from the ground)**  
32,50 m
- **Maximum lifting height (underground)**  
-83,5 m



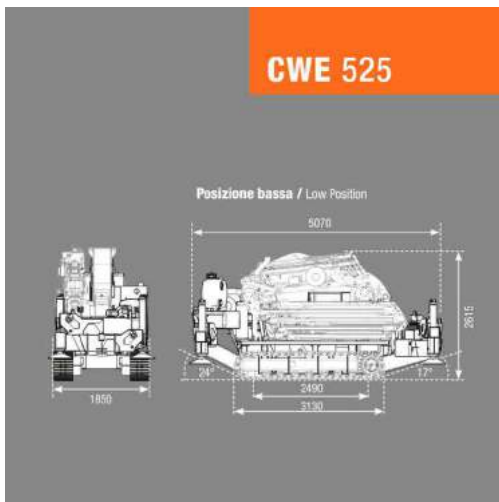
## TECHNICAL SPECIFICATIONS CWE 525

	Max capacity	14515 Kg / 3,01 m
	Max outreach (6S version)	16,85 m
	Max outreach with Jib (version 6S+JIB 6S HD)	29,40 m
	Max hook height (6S version)	20 m
	Max hook height with Jib (version 6S+JIB 6S HD)	32,5 m
	Slewing angle-speed	Continuous / 1,5 rpm
	Winch	First layer pull 1900 Kg Rope length 90 m Speed in direct pull 50 m / min.
	Radio remote control	Steady Can-Bus + Color
	Stability control	Electronic
	Stability system	Dynamic stability area calculation Cpu controlled
	Weights	Standard crane (6S Version): 13200 Kg Jib (6S): 1000 kg Electric motor 15Kw/400 V - 200 kg Winch: 250 kg Mobile ballast: 3800 kg Rubber pads: 135 kg
	Crawler Crane Traction	Trasmission: Moto-reducer Scope: 160 l Pressure: 225 Bar Speed: 1,2 - 2,2 K/h Max slope degree: 25° Max pressure on the ground: 1,05 Kg/Cm <sup>2</sup> Traks width: 350 mm Max. outrigger load: 18000 daN
	Diesel Engine	Brand: Yanmar Model: 4TNV98CT-N STAGE 5 Max power: 55 Kw - 74,8 Hp Max torque: 291 Nm Tank capacity: 75 l

## LOADING TABLES



## DIMENSIONS



## TECHNOLOGIES INSTALLED

### Every Function Under Control

The multifunction proportional radio control provided with an integrated control display, permits as well to verify in real time all the parameters of the machine.

### No Limits Rotation

The removable Ballast mounted on the Chassis permits the continuous "in shape" Rotation.

### Always Ready to Work

The "X" configuration allows to operate with narrow outriggers and minimum obstruction.

### Easy To Drive

The Machine can level and operate on steep grounds.

### Load & Transport

The compactness and the wide ground clearance angle allows the crane to be loaded using Short ramp.

### Jib Over Line

Noteworthy Jib Length and Load.

### Electric Engine Always Allowed

15 Kw Three Phases Electric Engine, 400V inverter controlled.

## STANDARD EQUIPMENT

Radio remote control with display for crawler, chassis and crane function.

Continuous rotation

Links on all the crane articulations

Variable speed oil fan cooler

Predisposition for winch installation

Predisposition for Jib Installation

Predisposition for two man baskets installation

Outriggers continuous variations Control system

Removable ballast

Two speed crawler translation

Engine manual rpm increment

N° 4 lifting connections

N° 4 removable outriggers plates

Electronic limiting device

Auto diagnostic

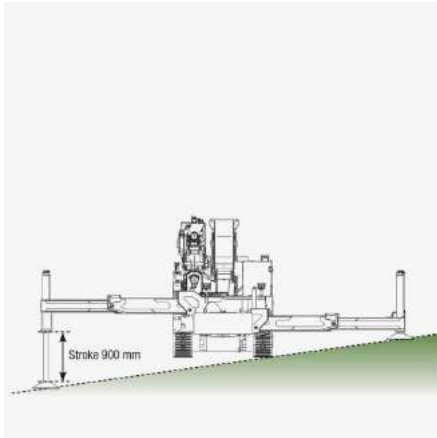
Crane color yellow RAL 1007

Crawler color black RAL 9005

According to EN12999.

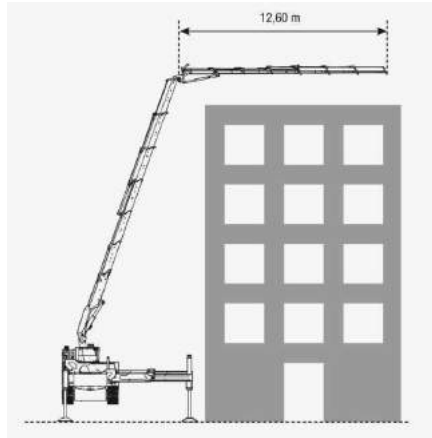


## TECHNOLOGIES INSTALLED



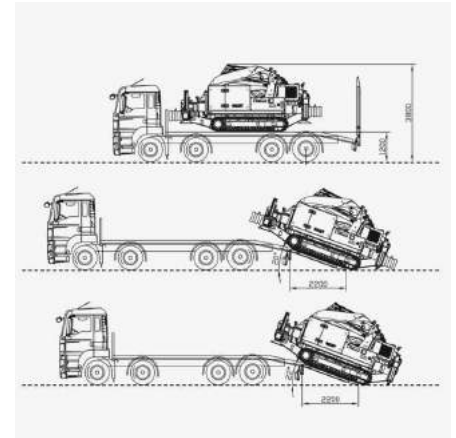
### Stabilizzazione in pendenza

The outriggers of CWE 525 Range, Provided With Cross Beams System, confer to the Crane Chassis an incomparable torsion resistance always keeping extremely Compact the machine Dimensions in rest position. The outriggers cylinders, solid with extended stroke, Simplify the Crane Endurance on strongly steep grounds.



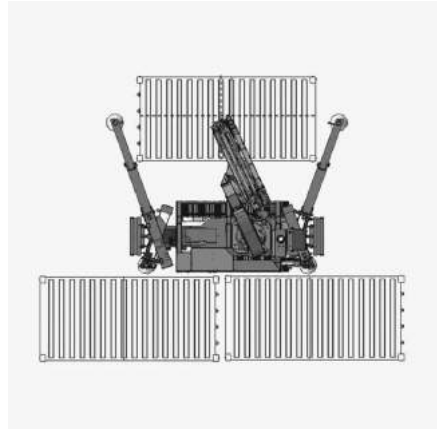
### Load Management

A large Employment of high enervation limit special steels, such as STRENX 1300, allow to limit the weight in order to take advantage of the performance; especially with more external loads on the top of the Jib.



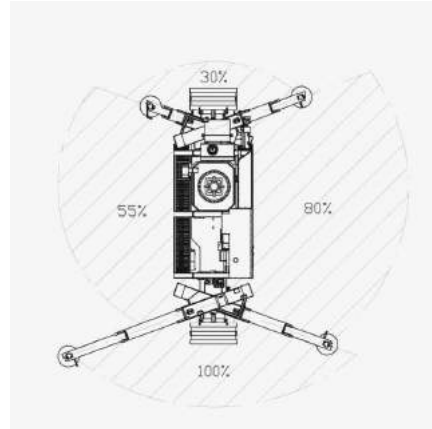
### Transport

The generous ground clearance angle permit to load the machine as well on truck with short ramps; simplifying the manoeuvres and optimizing loading time.



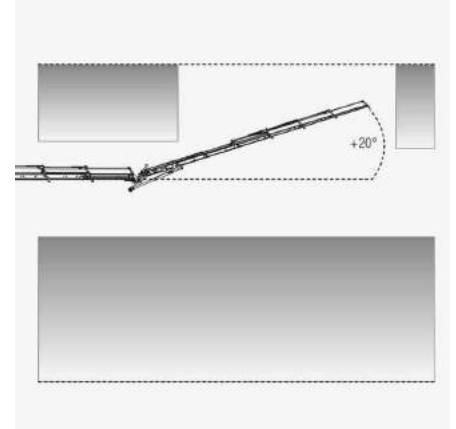
### "Short ray" Performance

CWE 525 is Built with very low barycentres which, combined to the Cross Beams Geometry, Permit to develop the full power and cover heavy and voluminous loads (Machines Tools and other)



### Load Limit Stability (Progress)

The integrated control system give to the Crane infinite Stabilization possibilities, Automatically upgrading the load limiting device to the situation determined by the position of each outriggers; permitting the operator to completely work in safety conditions and, simultaneously, setting configurations unthinkable until today.



### Positive Angle for Hard Access

The second Articulated Telescopic Boom and the Hydraulic Jib have angular operating system respectively of 15° and 20° Over the Horizontal alignment of the boom. This situation allow to operate inside buildings and give the possibility to overcome obstacles such as lofts, front door and Beams.



## OPTIONAL EQUIPMENT

- Scanreco Can-Bus + display
- Hydraulic Jib with opening up to 200°
- Quick-faster hydraulic connection
- Hydraulic line for accessorize
- Manual extensions
- Lowered hook connections
- Lowered connections for vacuum glass lifters
- Two man capacity baskets CE
- Direct pull winch up to 4th fall
- Vacuum glass lifters
- Working LED lightson the boom
- Working LED lightson the crawler
- Towing winch
- Electric generator
- Removable large box
- Removable loading flat bed
- Three phases electric engine 15 Kw/400 V with inverter
- Bigger plates for outriggers
- LED lights for outriggers
- Rubber pads
- No marking rubber pads
- Green oil
- RACE
- DLC
- SENSE.

### PHOTO GALLERY

