

www.hird.co.uk



Est. 1983 Celebrating **40 Years**

Mini Cranes

Glass Lifting

Glazing Robots

Vacuum Lifters

Spider Cranes

Powered Access

Pick and Carry Cranes

Machine Moving Services

Lifting Equipment Hire

Operator Training

Contract Lifting

Crane Hire



HIRD

Est. 1983
Celebrating **40 Years**

www.hird.co.uk



Hird Ltd offers a wide range of modern, efficient equipment and services to meet with the individual requirements of each and every customer, small or large.

- Glass Lifting
- Glazing Robots
- Vacuum Lifters
- Spider Cranes
- Contract Lifting
- Powered Access
- Operator Training
- Pick and Carry Cranes
- Machine Moving Services
- Lifting Equipment Hire
- Crane Hire

All of our equipment, services and teams of experts are available nationwide, through one of our strategically located regional depots covering the north, central and southern areas of the UK.



**40 Years
of Experience
est. 1983**

www.hird.co.uk
Email: info@hird.co.uk



Throughout this guide you will see the Hird Training icon



IPAF 3A - mobile vertical

It is designed to recommend the specific courses that we feel are necessary to operate the relevant machine types safely and effectively.

If you cannot find the training course you require, or are unsure as to which courses suit your requirements, then please do not hesitate to call Hird Training on 01482 481965.



Valla V36R
12 - 13



Valla V80R
22 - 25



MC285CB-3 ECO
64 - 65



CC985S-1
76 - 77

Valla Pick & Carry Cranes

4 - 53

- Valla 20E/D TRX	- 2 Ton	4 - 5
- Valla 22E	- 2.5 Ton	6 - 7
- Valla 35E	- 3.5 Ton	8 - 9
- Valla 35D TRX	- 3.5 Ton	10 - 11
- Valla V36R	- 3.6 Ton	12 - 13
- Valla 46R	- 4.6 Ton	14 - 15
- Valla 50E	- 5.0 Ton	16 - 17
- Valla V60R	- 6.9 Ton	18 - 19
- Valla V80R	- 8.0 Ton	20 - 23
- Valla 90E	- 9.0 Ton	24 - 25
- Valla V110R	- 11. Ton	26 - 29
- Valla 120E	- 12.0 Ton	30 - 31
- Valla 120ES	- 12.0 Ton	32 - 33
- Valla 130RX	- 13.0 Ton	34 - 35
- Valla 180E	- 18.0 Ton	36 - 39
- Valla V180RC	- 18.0 Ton	40 - 41
- Valla 180ES	- 18.0 Ton	42 - 45
- Valla V210R	- 21.0 Ton	46 - 49
- Valla 250E	- 25.0 Ton	50 - 53

Valla Fork Attachments

54 - 55

Maeda Mini Cranes

56 - 91

- Maeda MC174	- 1.72 Ton	56 - 57
- Maeda MC285-2	- 2.82 Ton	58 - 63
- Maeda MC285CB-3 ECO	- 2.82 Ton	64 - 65
- Maeda MK3053C	- 2.8 Ton	66 - 67
- Maeda MC305	- 2.98 Ton	68 - 69
- Maeda MC305CB-3 ECO	- 2.98 Ton	70 - 71
- Maeda MC405	- 3.83 Ton	72 - 73
- Maeda MC815	- 8.09 Ton	74 - 75

Maeda Crawler Crane

76 - 77

UNIC Spider Cranes

78 - 90

- UNIC URW-094	- 0.995 Ton	78 - 79
- UNIC URW-095	- 0.995 Ton	80 - 81
- UNIC URW-295	- 2.9 Ton	82 - 83
- UNIC URW-376	- 2.9 Ton	84 - 85
- UNIC URW-506	- 3.0 Ton	86 - 86
- UNIC URW-706	- 6.0 Ton	88 - 90

Timber Billets & Outrigger Mats

91

- Timber Billets / Sleepers
- Outrigger mats



UK & Ireland
Distributor

20E/D TRX

Pick & Carry Crane

The Valla 20 TRX pick and carry crane can be supplied in two power formats:

- Valla 20E - powered by zero emission electric batteries
- Valla 20D - has a low emission diesel engine.



2,000kg



Technical specification

Max. lifting capacity	2,000kg
Max. working height	4.0m
Max. working radius	2.6m
Capacity @ max. height	800kg
Capacity @ max. radius	400kg
Power source	(20E TRX) Battery / (20D TRX) Diesel
Charger type / Ampage	110v / 16A
Total machine weight (20E TRX) 2,100kg / (20D TRX)	1,900kg

Features include

- Non-marking tracks
- Wired remote control
- Hydraulic winch and hook block



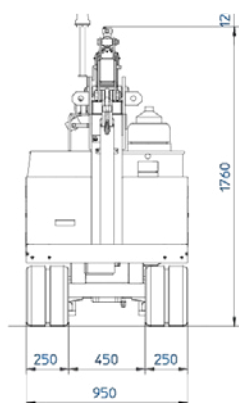
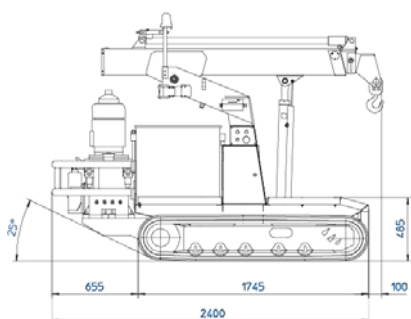
CPCS - A66 Compact Crane B



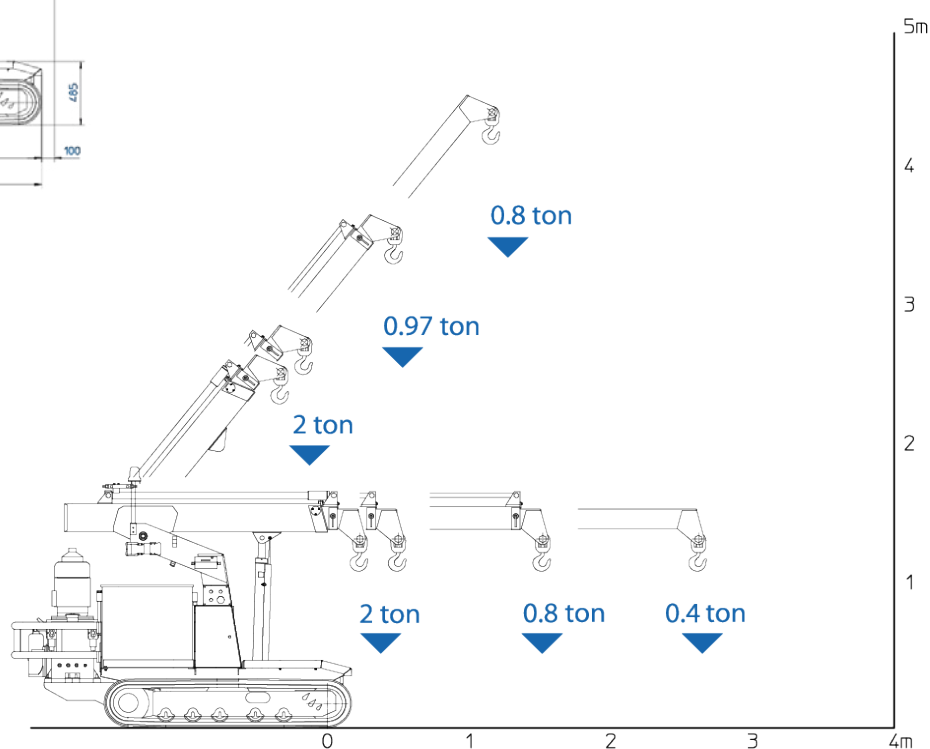


Tracks enable this crane be manoeuvred across busy, congested sites or on to landscaped ground areas

Dimensions (mm)



Working Envelope



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.



UK & Ireland
Distributor

22E

Pick & Carry Crane

The Valla 22E electric pick and carry crane is narrow enough to be guided through a standard double doorway yet can lift up to 2.25 tonne. As an electric mini crane it provides fume-free lifting in all environments.



 **100% Electric**

2,250kg



Technical specification

Max. lifting capacity	2,250kg
Max. working height	4.8m
Max. working radius	2.7m
Capacity @ max. height	1,800kg
Capacity @ max. radius	400kg
Power source	Battery
Charger type / Ampage	110v / 16A
Total machine weight (basic spec)	1,970kg

Features include

- Non-marking tyres
- Front wheel brakes
- Variable position jib head

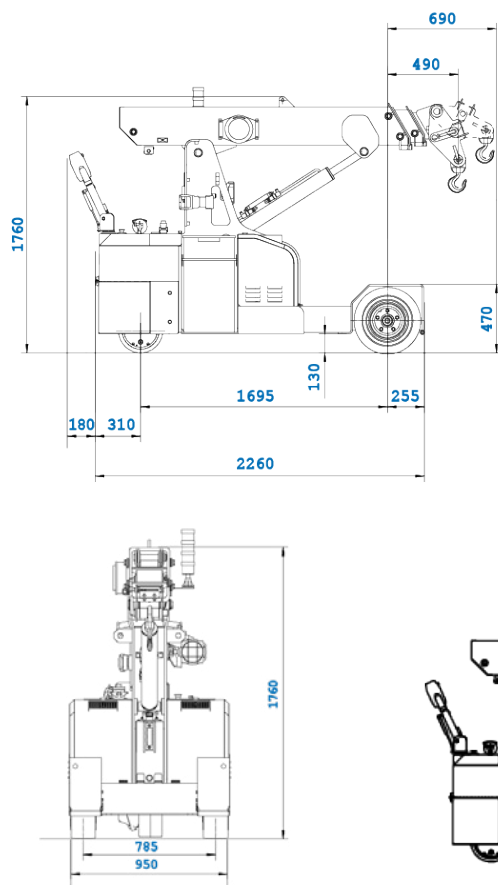
Optional Fly Jib attachment available



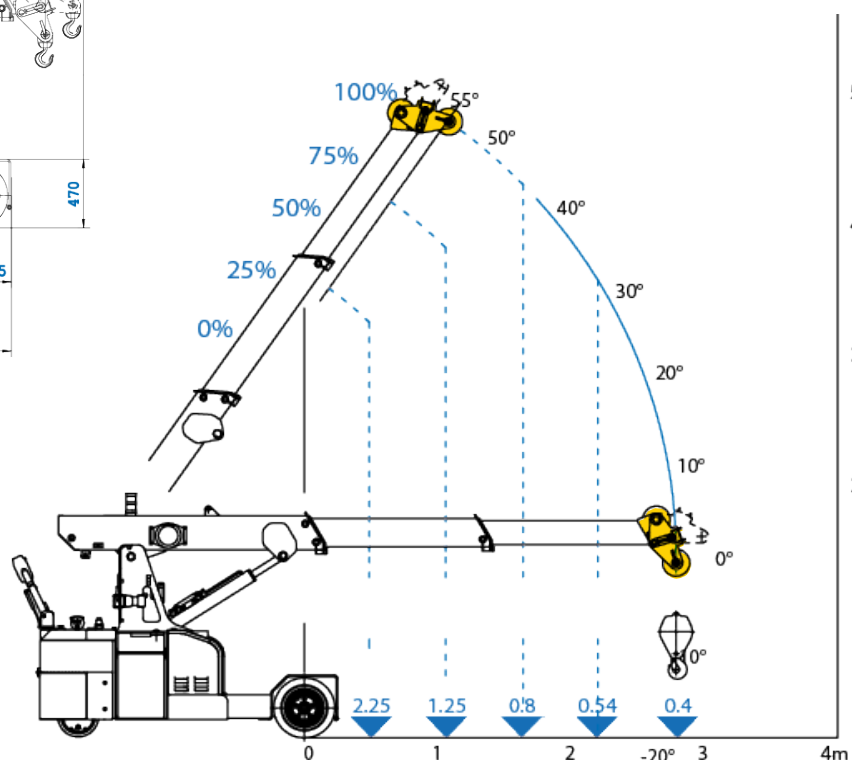
CPCS - A66 Compact Crane B



Dimensions (mm)

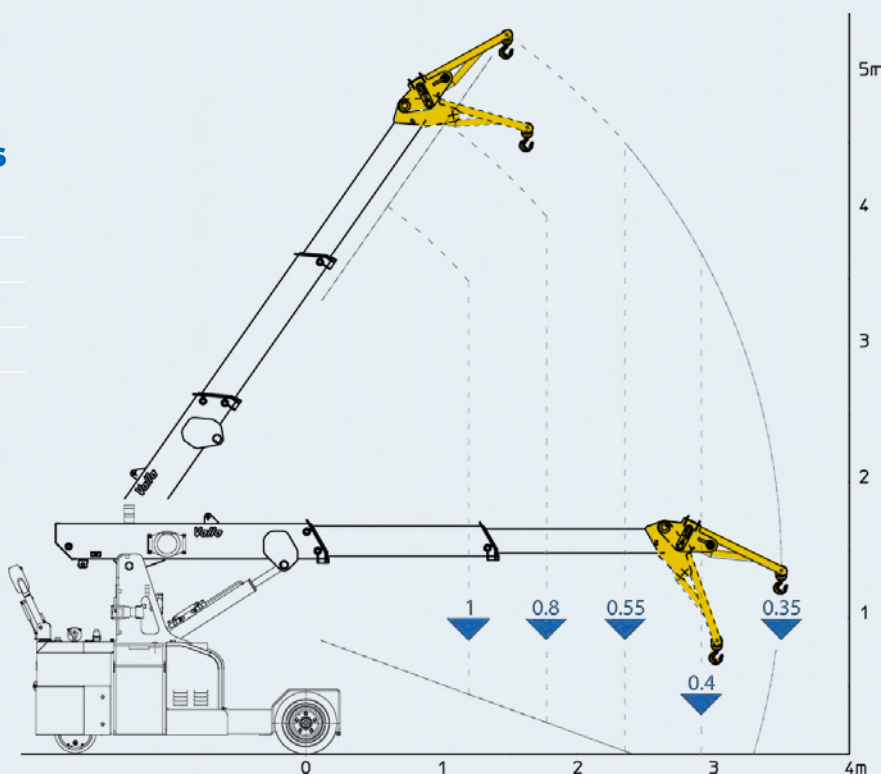


Working Envelope



Fly Jib specifications

- Max. lifting capacity 1,000kg
- Max. working height 5.0m
- Max. working radius 3.5m
- Capacity @ max. height 350kg
- Capacity @ max. radius 350kg



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.



UK & Ireland
Distributor

35E

Pick & Carry Crane

Our Valla 35E pick and carry crane is ideal for use in confined spaces. Weighing just 3t, it combines fume-free operation with an excellent lifting capacity of 3.5t.



 **100% Electric**

3,500kg



Technical specification

Max. lifting capacity	3,500kg
Max. working height	6.5m
Max. working radius	4.8m
Capacity @ max. height	500kg
Capacity @ max. radius	400kg
Power source	Battery
Charger type / Ampage	240v / 32A
Total machine weight	3,000kg

Features include

- Non-marking tyres
- Cabin



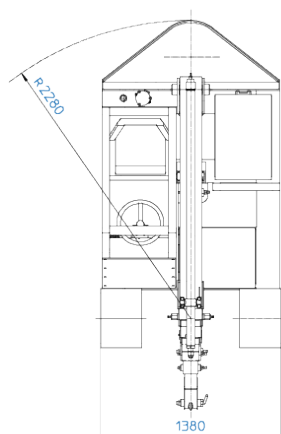
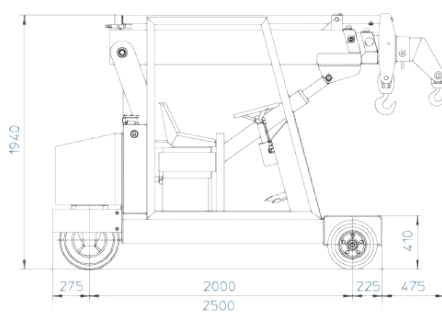
CPCS - A66 Compact Crane B



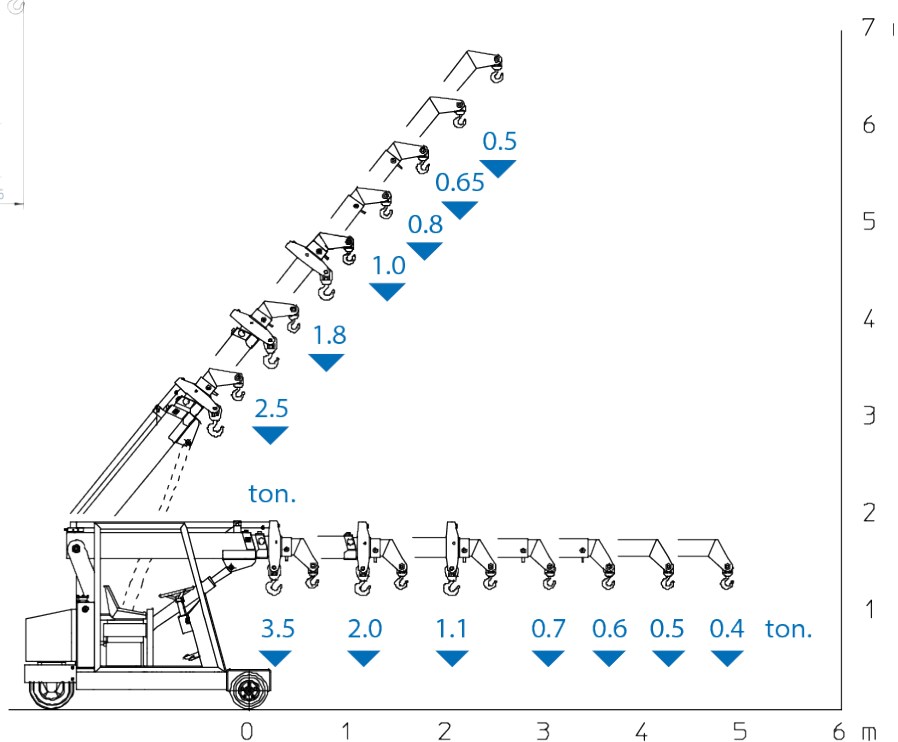


Hird's Valla 35E is ideal for lifting in clean low-noise internal environments such as aircraft hangars

Dimensions (mm)



Working Envelope



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.



UK & Ireland
Distributor

35D TRX

Pick & Carry Crane

The Valla 35D TRX mini crane gives our mini crane hire clients a machine with excellent lifting capacity combined with the ability to traverse uneven and potentially unstable terrain.



3,500kg

Technical specification

Max. lifting capacity	3,500kg
Max. working height	6.8m
Max. working radius	4.8m
Capacity @ max. height	700kg
Capacity @ max. radius	400kg
Power source	Diesel
Total machine weight	3,200kg

Features include

- Non-marking tracks
- Fixed hook or hydraulic winch
- Radio remote control



CPCS - A66 Compact Crane B

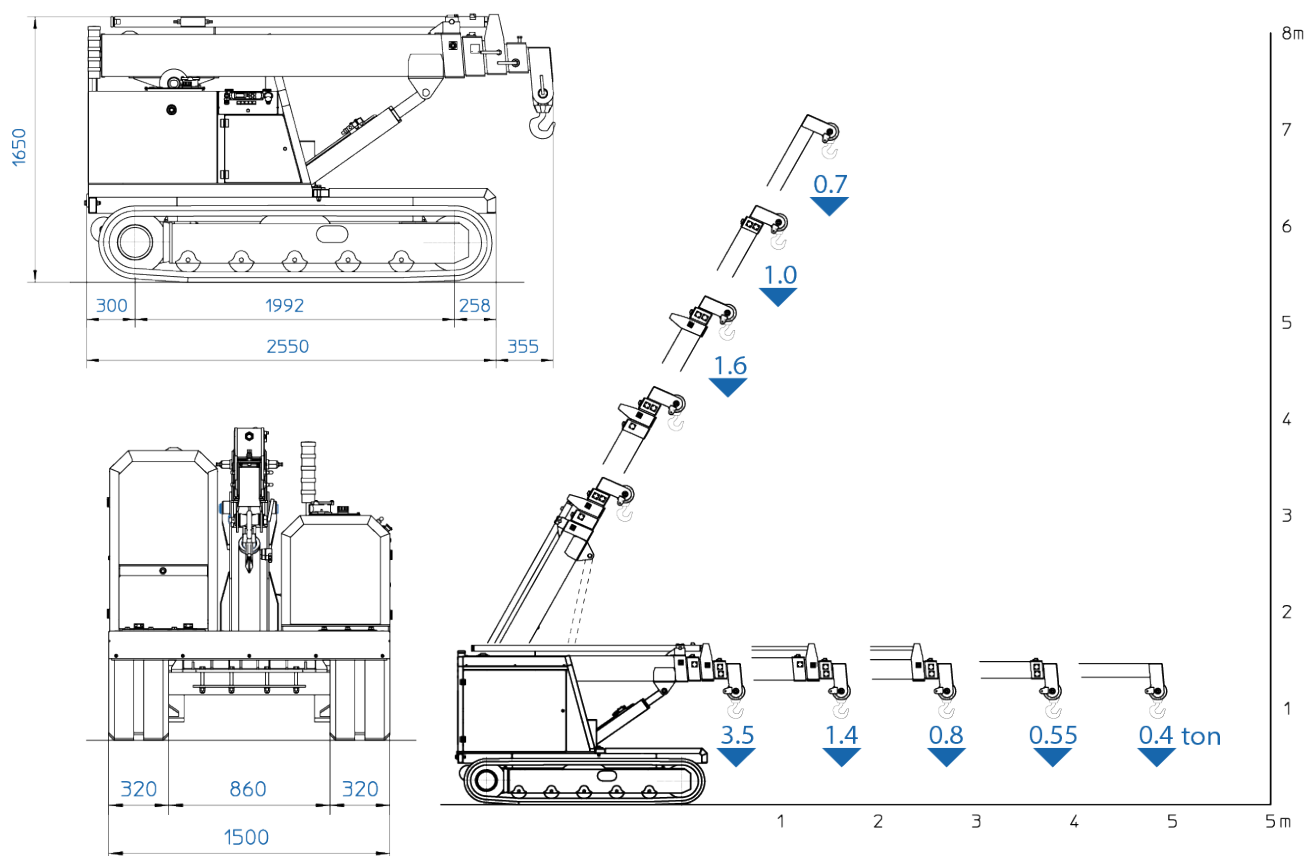




Hird's Valla 35D TRX is a popular choice for construction clients, especially where size and capacity is critical

Dimensions (mm)

Working Envelope



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.



UK & Ireland
Distributor

V36R - Fully Radio Remote Control

Pick & Carry Crane

The Valla V36R pick and carry crane is a new generation electric mini crane operated by wireless remote control.

This allows the operator to choose where to stand to control all operations, improving both the safety and productivity of any lift.



Wireless Remote Control

 **100% Electric**

3,600kg



Technical specification

Max. lifting capacity	3,600kg
Max. working height	7.5m
Max. working radius	4.7m
Capacity @ max. height	1,750kg
Capacity @ max. radius	450kg
Power source	Battery
Charger type / Ampage	415v / 32A
Total machine weight (basic spec)	3,900kg

Features include

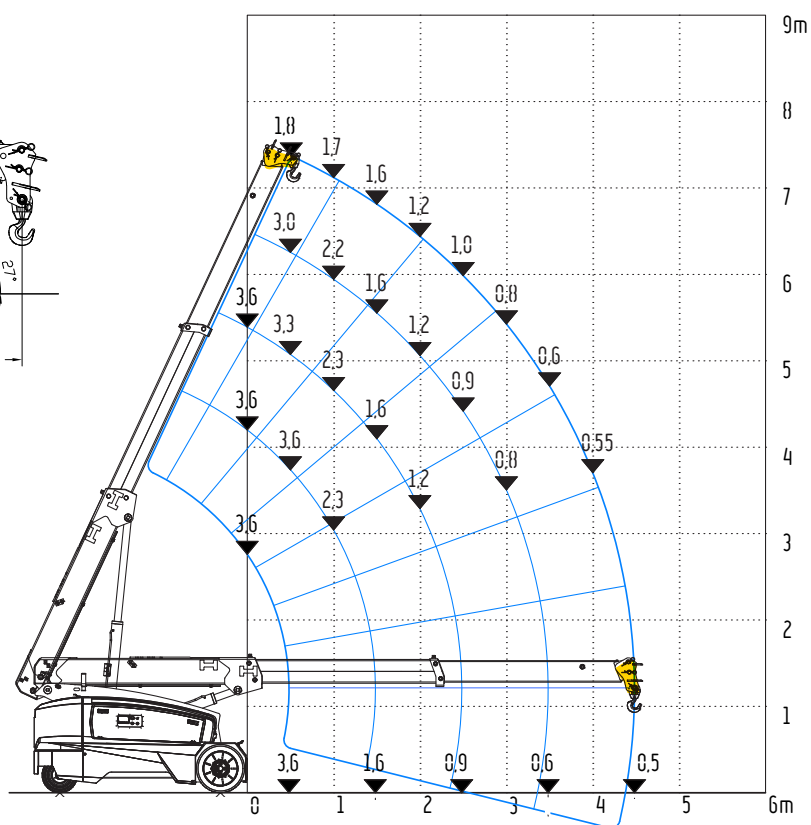
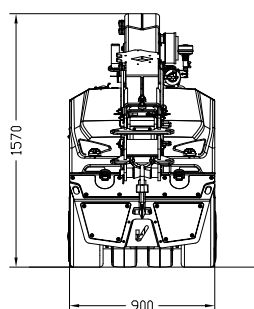
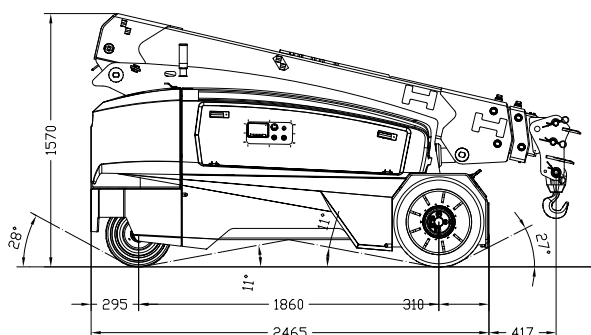
- Hook block
- Non-marking tyres
- Variable position jib head
- Remote control

**Optional Fly Jib
attachment available**



CPCS - A66 Compact Crane B



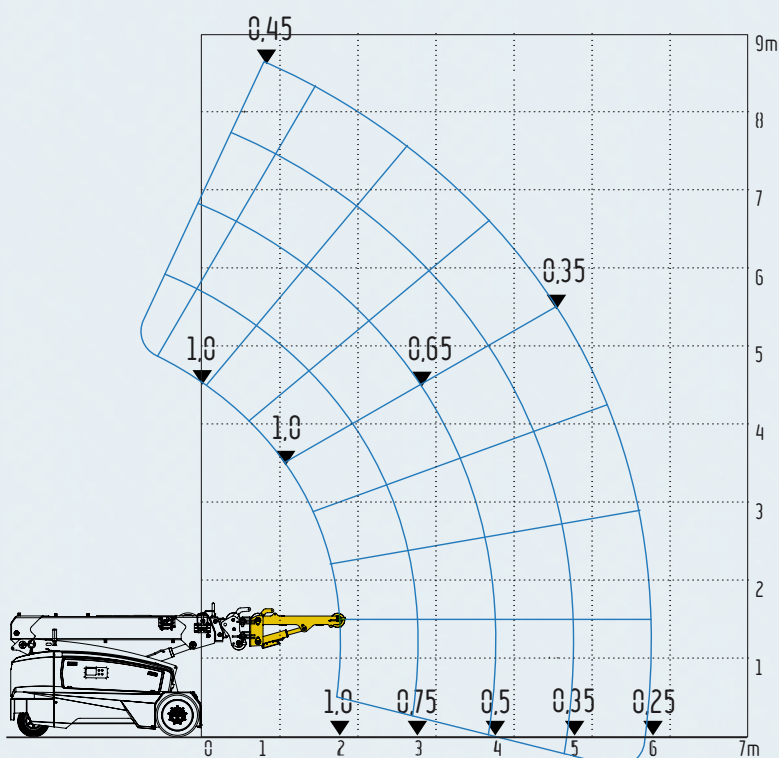


Fly Jib specifications

- Max. lifting capacity 1,000kg
- Max. working height 8.5m
- Max. working radius 6.0m
- Capacity @ max. height 450kg
- Capacity @ max. radius 250kg



Scan here
for more specs



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.



UK & Ireland
Distributor

V46R - Fully Radio Remote Control

Pick & Carry Crane

The Valla V46R pick and carry crane is one of the very latest all electric cranes available for hire.

This compact crane has a 4.6 tonne lifting capacity with a 3 section 7.5m boom. Maximum forward reach is 4.5m (0.64t).

Highly manoeuvrable thanks to a narrow 900mm width, front wheel drive and rear wheel steer.

The remote control console enables crane operator to position themselves with full sight of the load and crane.



Wireless Remote Control

 **100% Electric**

4,600kg



Technical specification

Max. lifting capacity	4,600kg
Max. working height	7.2m
Max. working radius	4.7m
Capacity @ max. height	2,450kg
Capacity @ max. radius	620kg
Power source	Battery
Charger type / Ampage	415v / 32A
Total machine weight (basic spec)	4,300kg

Features include

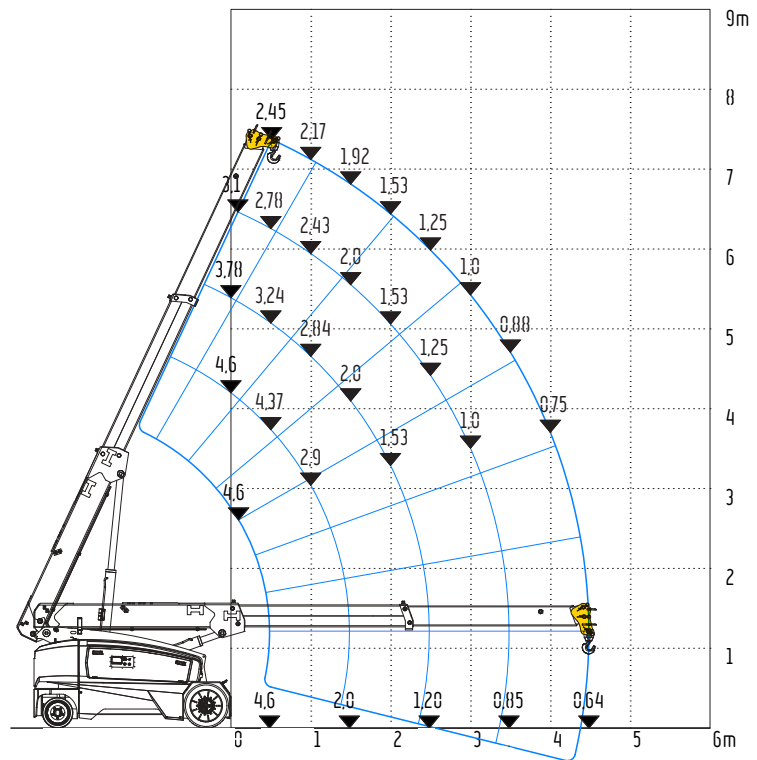
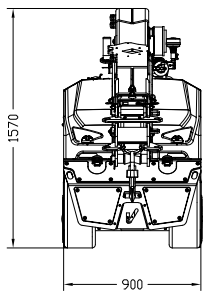
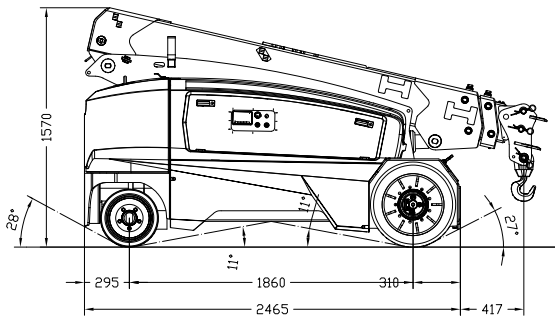
- Fly jib - hydraulic
- Non-marking tyres
- Variable position jib head
- Remote control

Optional Fly Jib attachment available



CPCS - A66 Compact Crane B



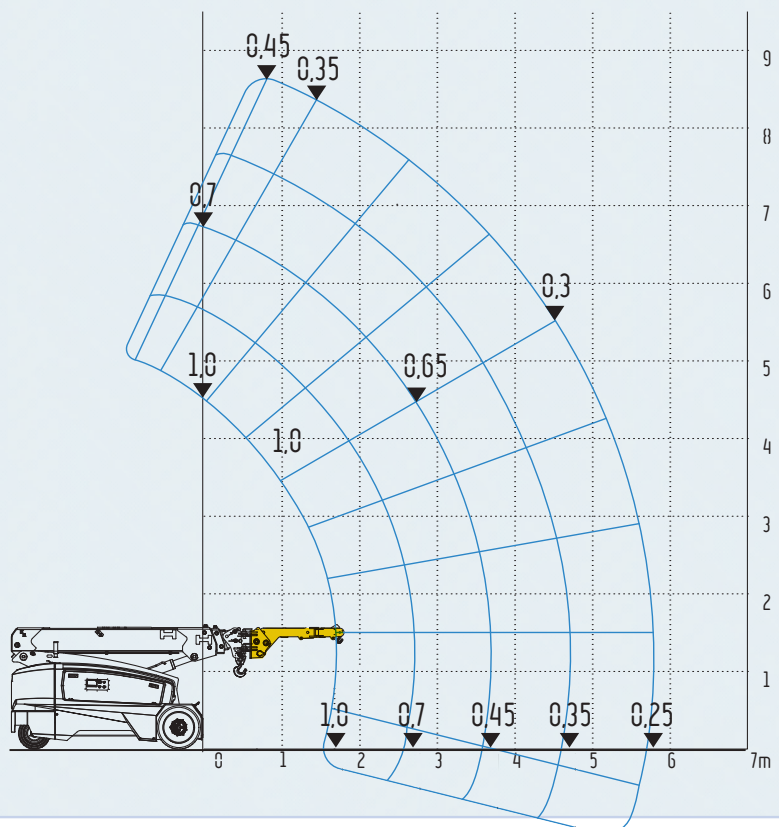


Fly Jib specifications

- Max. lifting capacity 1,000kg
- Max. working height 8.6m
- Max. working radius 4.5m
- Capacity @ max. height 450kg
- Capacity @ max. radius 250kg



Scan here
for more specs



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.



UK & Ireland
Distributor

50E

Pick & Carry Crane

The Valla 50E pick and carry crane delivers sustainable fume-free lifting with a maximum safe working load of 5 tonne.

It is ideal for clean environments, such as precision engineering and aviation maintenance.



 **100% Electric**

5,000kg



Technical specification

Max. lifting capacity	5,000kg
Max. working height	7.1m
Max. working radius	4.8m
Capacity @ max. height	1,100kg
Capacity @ max. radius	800kg
Power source	Battery
Charger type / Ampage	240v / 32A
Total machine weight	5,500kg

Features include

- Cabin
- Non-marking tyres



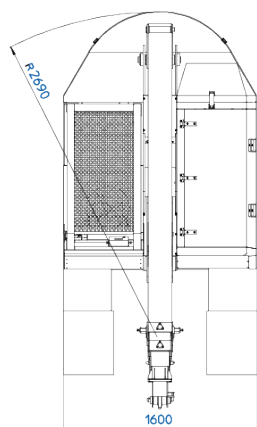
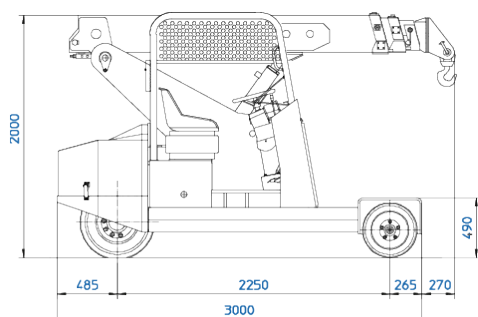
CPCS - A66 Compact Crane B



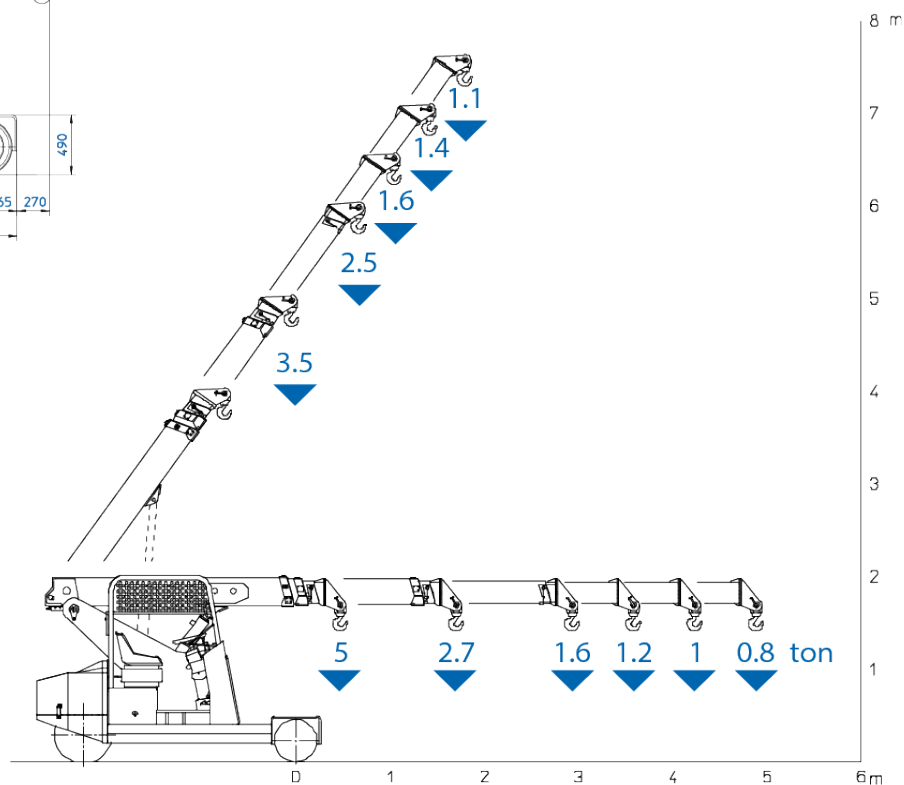


The Valla 50E combines a 5,000kg lifting capacity with precise load control and fume-free operation

Dimensions (mm)



Working Envelope



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.



UK & Ireland
Distributor

V60R - Fully Radio Remote Control

Pick & Carry Crane

The Valla V60R pick and carry crane is the ideal hire choice for flexible, emission-free lifting up to 6,000kg

It has a maximum working height of 7.9m (1.5t) and max working radius of 4.5m (1.0t). All-electric provides quiet, fume free lifting – helping you meet environmental standards on site but without compromising on lifting power.



Wireless Remote Control

 **100% Electric**

6,000kg



Technical specification

Max. lifting capacity	6,000kg
Max. working height	7.8m
Max. working radius	4.9m
Capacity @ max. height	4,100kg
Capacity @ max. radius	900kg
Power source	Battery
Charger type / Ampage	240v / 32A
Total machine weight	5,800kg

Features include

- Non-marking tyres
- Fly jib
- Variable position jib head
- Remote control

**Optional Fly Jib
attachment available**

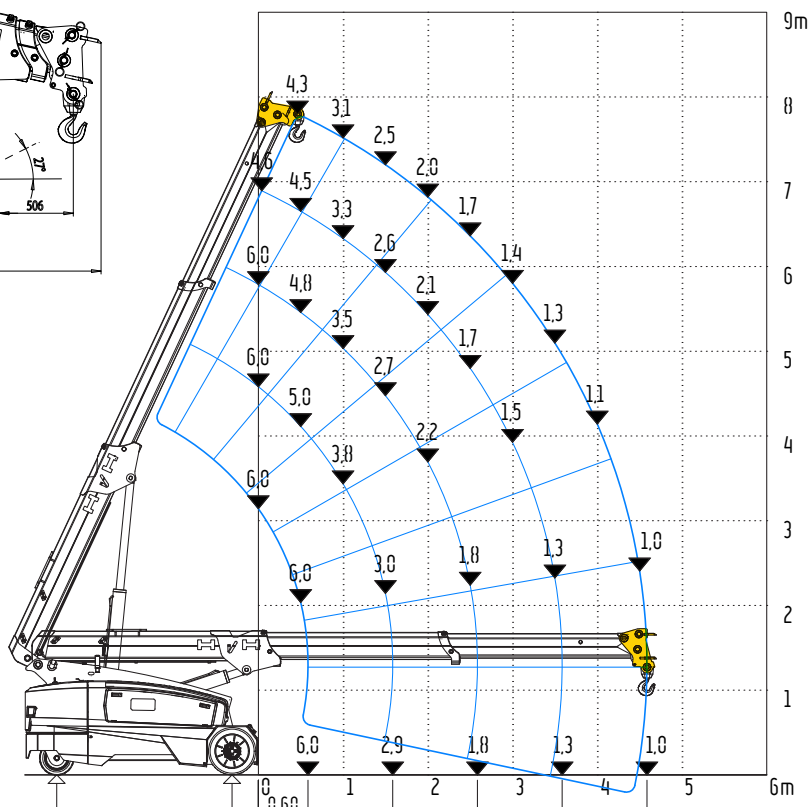
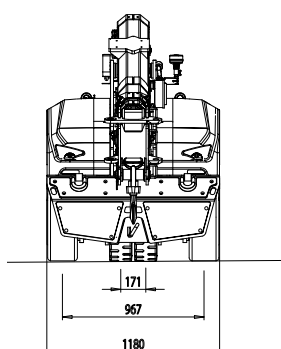
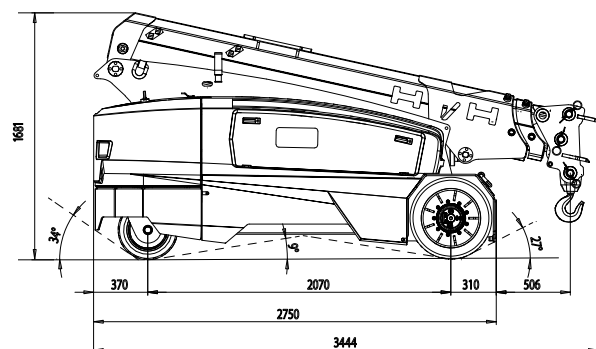


CPCS - A66 Compact Crane B



Dimensions (mm)

Working Envelope

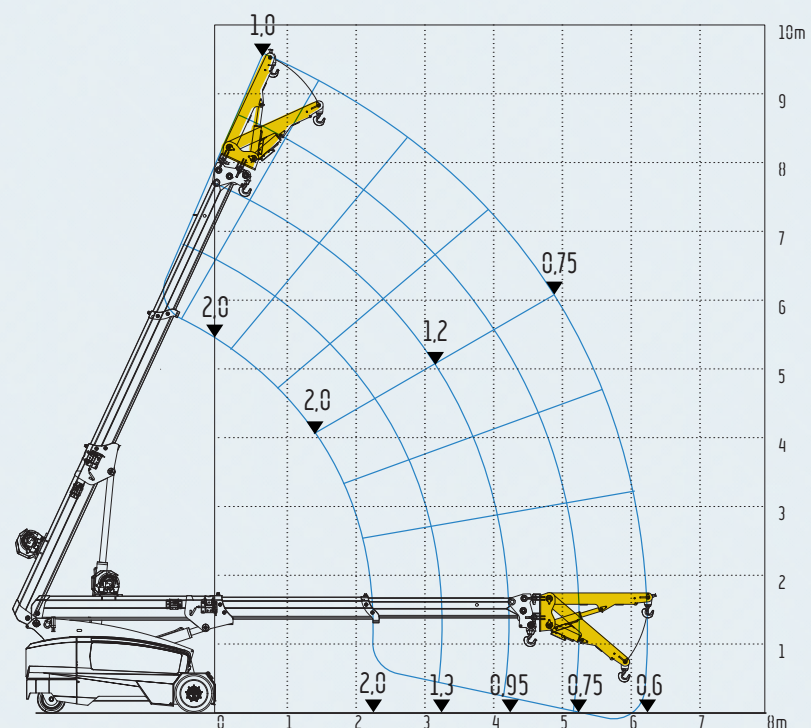


Fly Jib specifications

- Max. lifting capacity 2,000kg
- Max. working height 9.1m
- Max. working radius 6.3m
- Capacity @ max. height 1,000kg
- Capacity @ max. radius 600kg



Scan here
for more specs



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.



UK & Ireland
Distributor

V80R - Fully Radio Remote Control Pick & Carry Crane

The Valla V80R pick and carry crane is one of our new generation mini cranes operated by wireless remote control.

This allows the operator to choose where to stand to control all operations, improving both the safety and productivity of any lift.

The crane can be supplied with various attachments, including a standard fixed hook, a fly jib or lifting forks.



 **100% Electric**

Shown with optional forks attachments

Radio Remote Control

8,000kg



Technical specification

Max. lifting capacity	8,000kg
Max. working height	9.2m
Max. working radius	5.5m
Capacity @ max. height	4,500kg
Capacity @ max. radius	1,200kg
Power source	Battery
Charger type / Ampage	415v / 32A
Total machine weight (basic spec)	8,350kg

Features include

- Non-marking tyres
- Optional fly jib
- Optional forks
- Variable position jib head
- Remote control

**Optional Fly Jib or Forks
attachment available**



CPCS - A66 Compact Crane B

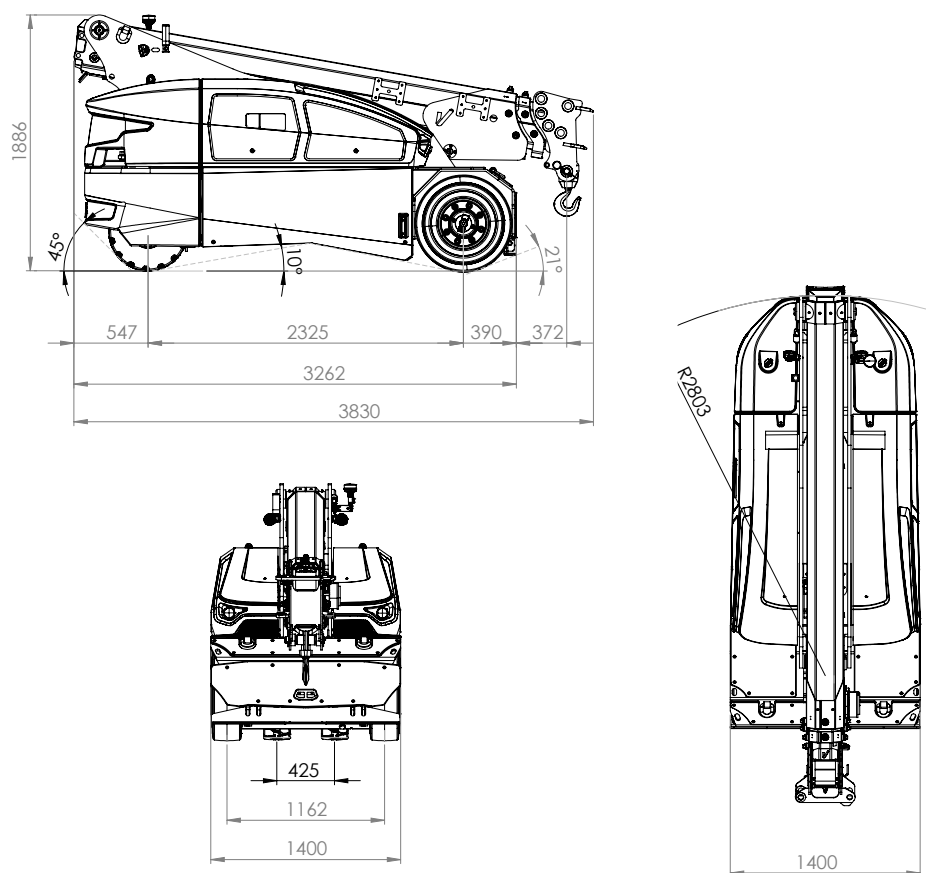


AN HIRSD JOB CARD



Wireless remote control operation is one of many new features on this new generation of mini crane

Dimensions (mm)



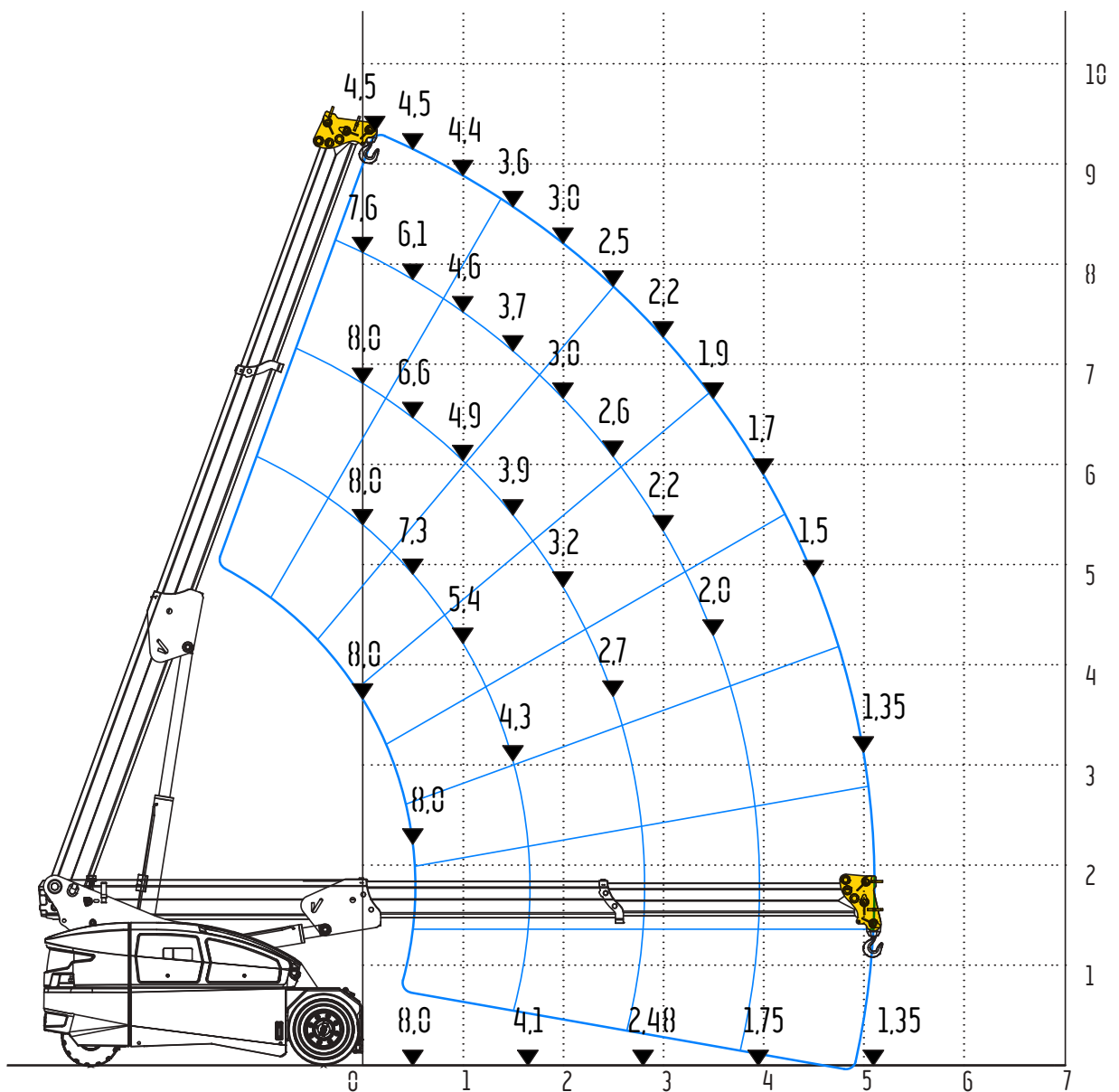
Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.

Working Envelopes

Standard Configuration

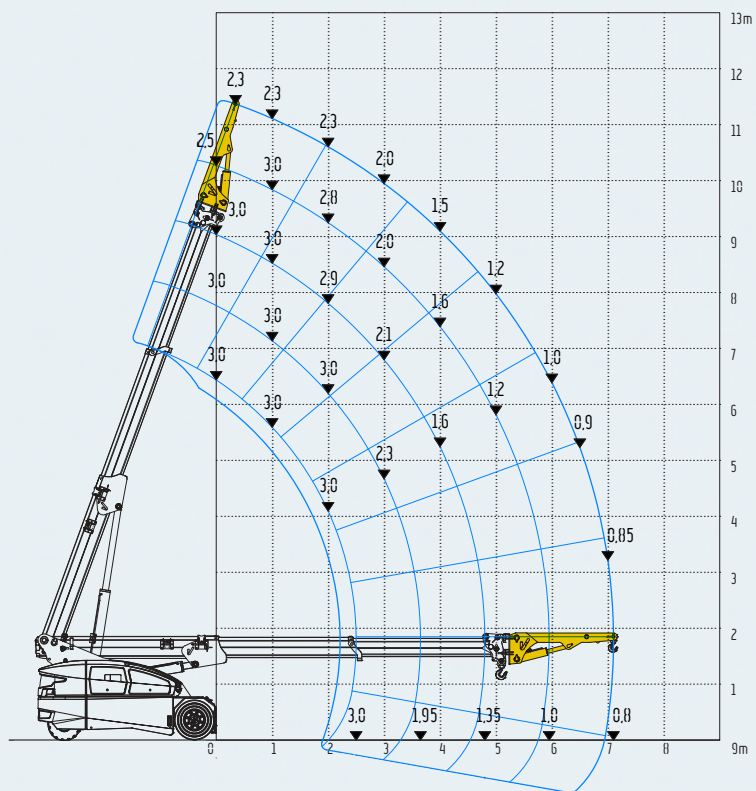


Scan here
for more specs



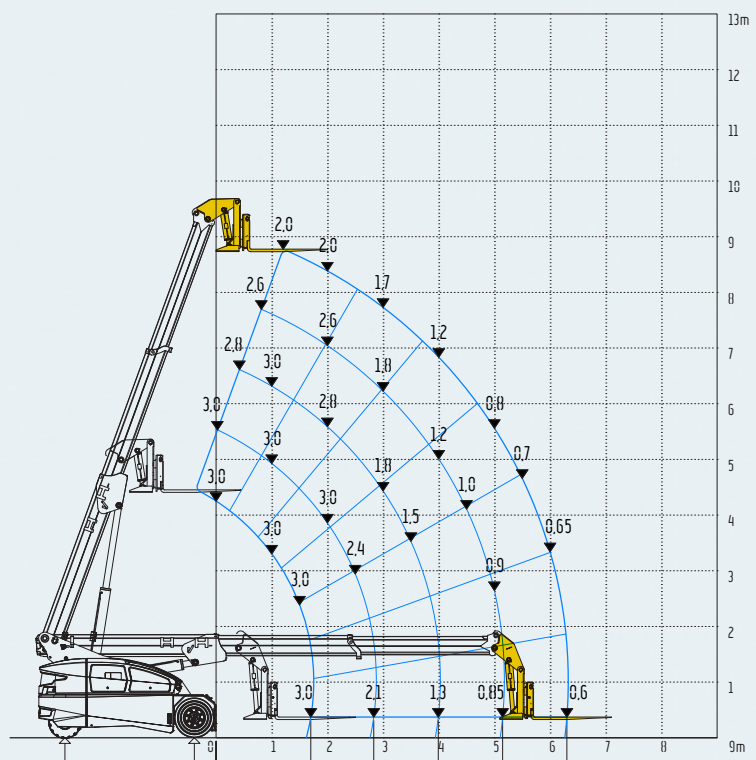
Fly Jib specifications

- Max. lifting capacity 2,300kg
- Max. working height 11.5m
- Max. working radius 7.2m
- Capacity @ max. height 1,000kg
- Capacity @ max. radius 800kg



Forks specifications

- Max. lifting capacity 3,000kg
- Max. working height 8.7m
- Max. working radius 6.2m
- Capacity @ max. height 2,000kg
- Capacity @ max. radius 600kg





UK & Ireland
Distributor

90E

Pick & Carry Crane

The Valla 90E industrial pick and carry crane combines all the benefits of a battery electric crane – zero emissions, indoor/outdoor working, sustainable and flexible lifting – with a maximum safe working load of 9 tonne.



 **100% Electric**

9,000kg



Technical specification

Max. lifting capacity	9,000kg
Max. working height	7.4m
Max. working radius	5.4m
Capacity @ max. height	1,900kg
Capacity @ max. radius	1,800kg
Power source	Battery
Charger type / Ampage	415v / 32A
Total machine weight (basic spec)	9,000kg

Features include

- Non-marking tyres
- Cabin

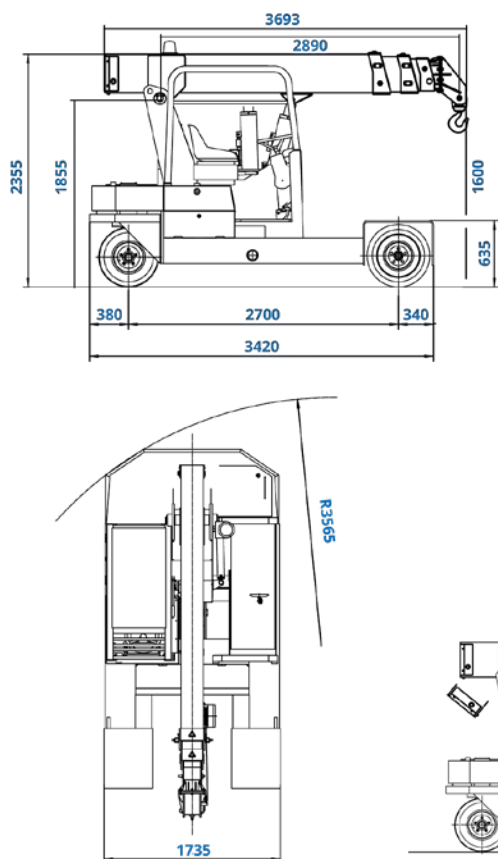
**Optional Fly Jib
attachment available**



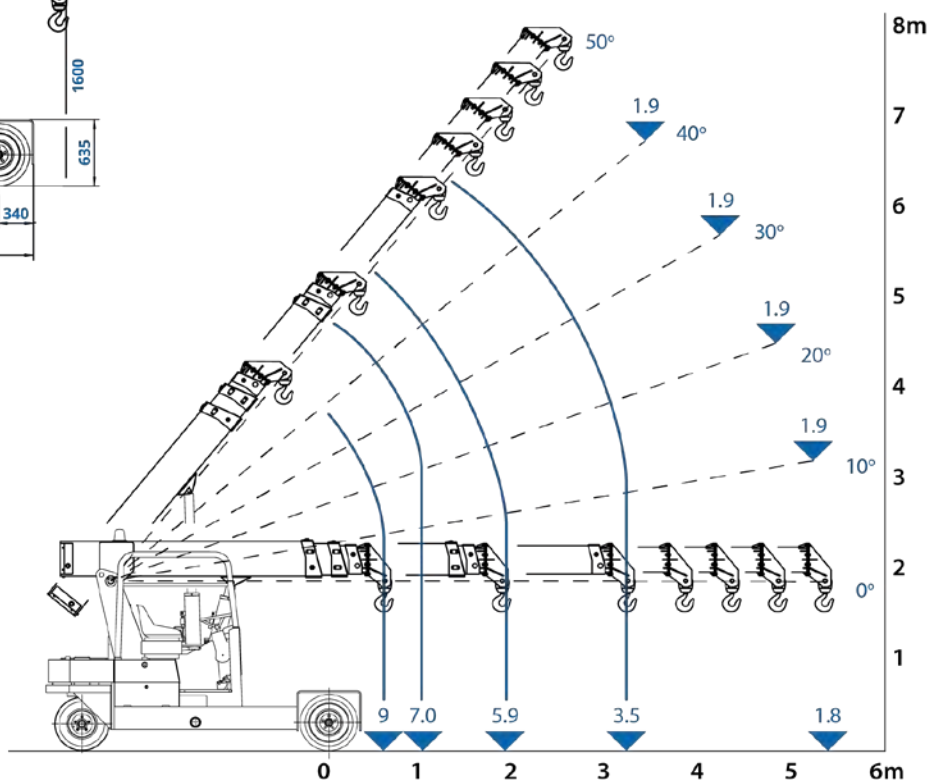
CPCS - A66 Compact Crane B



Dimensions (mm)

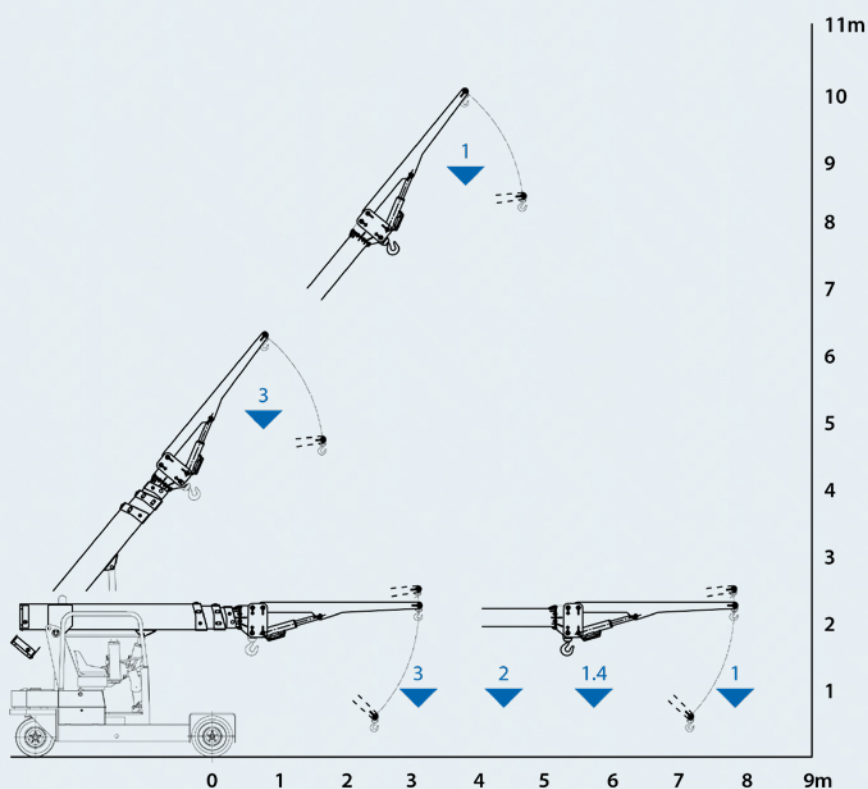


Working Envelope



Fly Jib specifications

- Max. lifting capacity 3,000kg
- Max. working height 9.7m
- Max. working radius 7.8m
- Capacity @ max. height 1,000kg
- Capacity @ max. radius 1,000kg



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.



UK & Ireland
Distributor

V110R - Fully Radio Remote Control Pick & Carry Crane

The Valla V110R pick and carry crane is one of our new generation mini cranes that are operated by wireless remote control.

The compact crane has a maximum safe working load of 11 tonne, a maximum working height of 10m and a maximum working radius of 6.2m (2.7 tonne).



 **100% Electric**



On-board Load Monitoring



Wireless Remote Control

11,000kg



Technical specification

Max. lifting capacity	11,000kg
Max. working height	10.1m
Max. working radius	6.2m
Capacity @ max. height	7,500kg
Capacity @ max. radius	2,500kg
Power source	Battery
Charger type / Ampage	415v / 32A
Total machine weight (basic spec)	11,400kg

Features include

- Non-marking tyres
- Optional fly jib
- Variable position jib head
- Stabiliser crossbar
- Remote control

**Optional Fly Jib
attachment available**



CPCS - A66 Compact Crane B

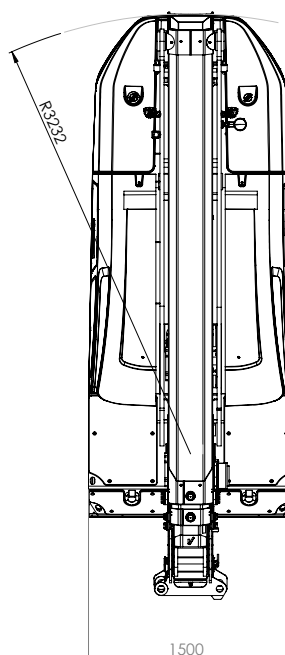
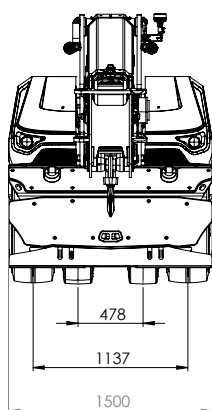
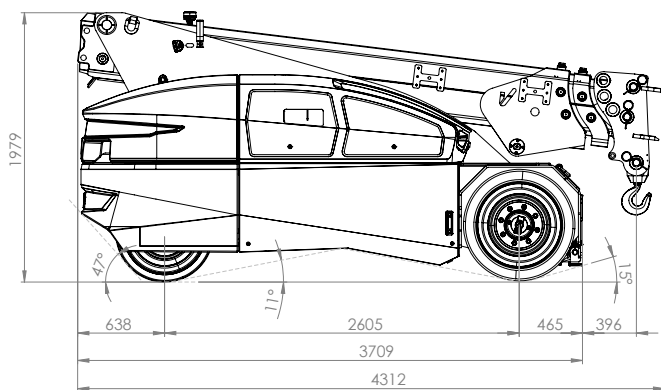


AN RPOC JOB CARD



Wireless remote control operation is one of many new features on this new generation of mini crane

Dimensions (mm)



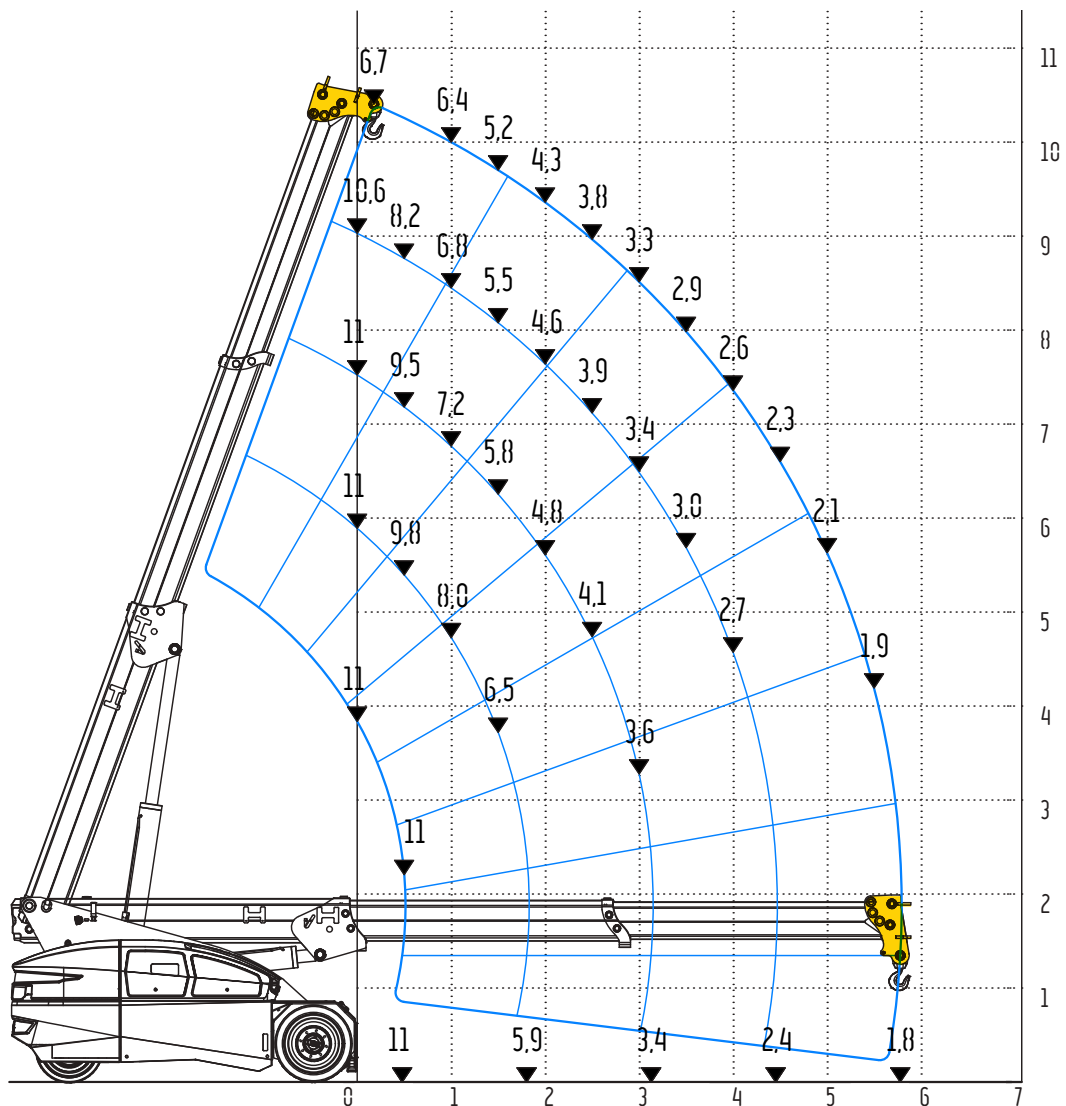
Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.

Working Envelopes

Standard Configuration

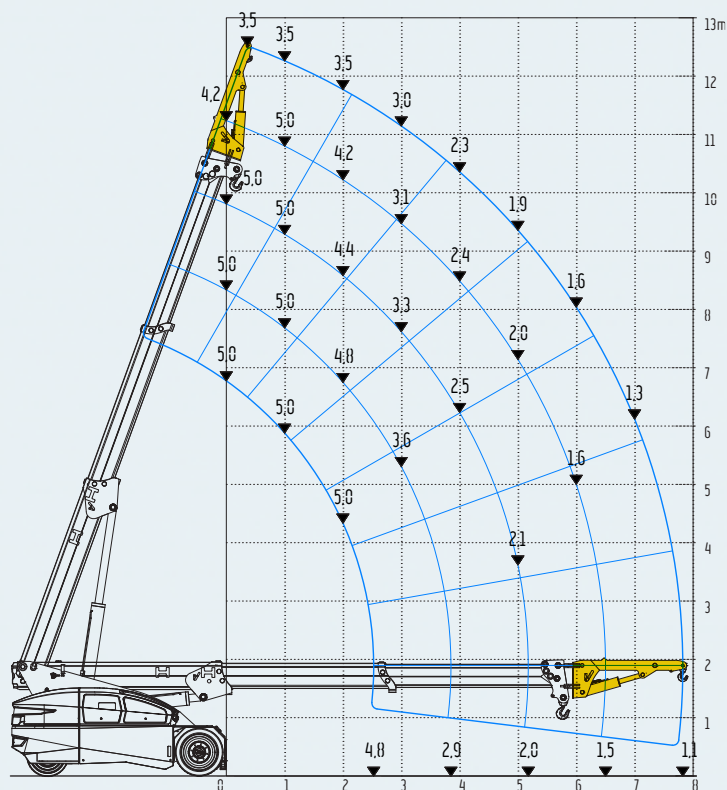


Scan here
for more specs



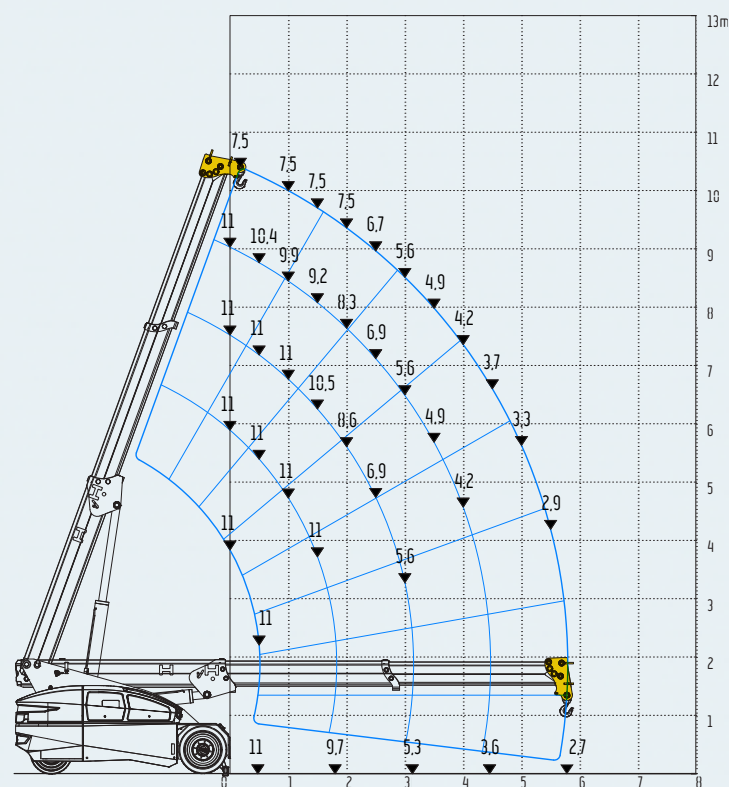
Fly Jib specifications

- Max. lifting capacity 5,000kg
- Max. working height 12.5m
- Max. working radius 7.3m
- Capacity @ max. height 1,500kg
- Capacity @ max. radius 1,100kg



Fixed hook specifications with stabiliser crossbar

- Max. lifting capacity 11,000kg
- Max. working height 10.0m
- Max. working radius 6.2m
- Capacity @ max. height 7,500kg
- Capacity @ max. radius 2,700kg



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.



UK & Ireland
Distributor

120E

Pick & Carry Crane

The Valla 120E pick and carry crane is just as much at home lifting indoors as outdoors.

Its non-marking tyres and articulating rear axle allows it to move around congested clean environments with ease.



 **100% Electric**

12,000kg



Technical specification

Max. lifting capacity	12,000kg
Max. working height	9.8m
Max. working radius	7.6m
Capacity @ max. height	2,900kg
Capacity @ max. radius	1,800kg
Power source	Battery
Charger type / Ampage	415v / 32A
Total machine weight (basic spec)	14,000kg

Features include

- Non-marking tyres
- Cabin

Optional Fly Jib
attachment available

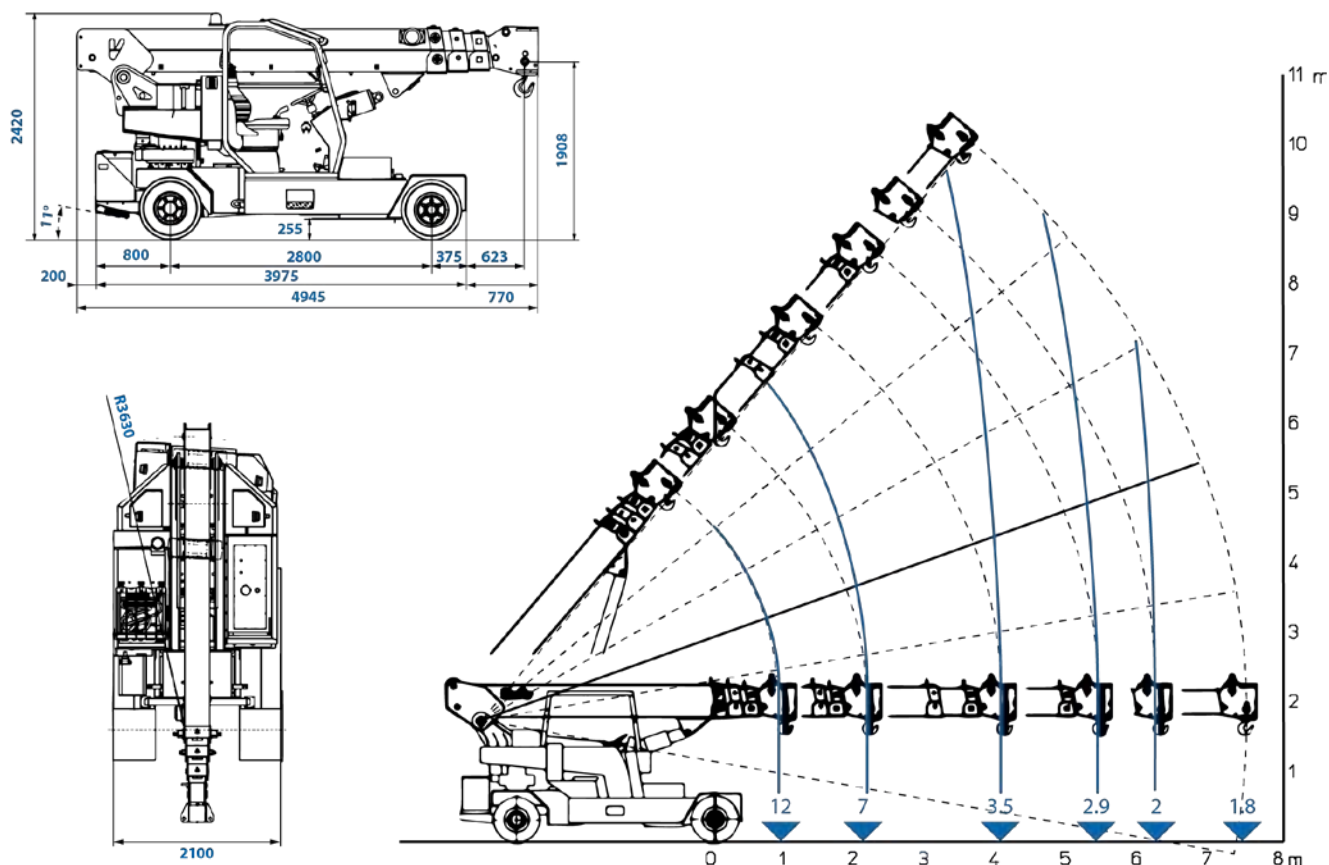


CPCS - A66 Compact Crane B
+ Product Familiarisation



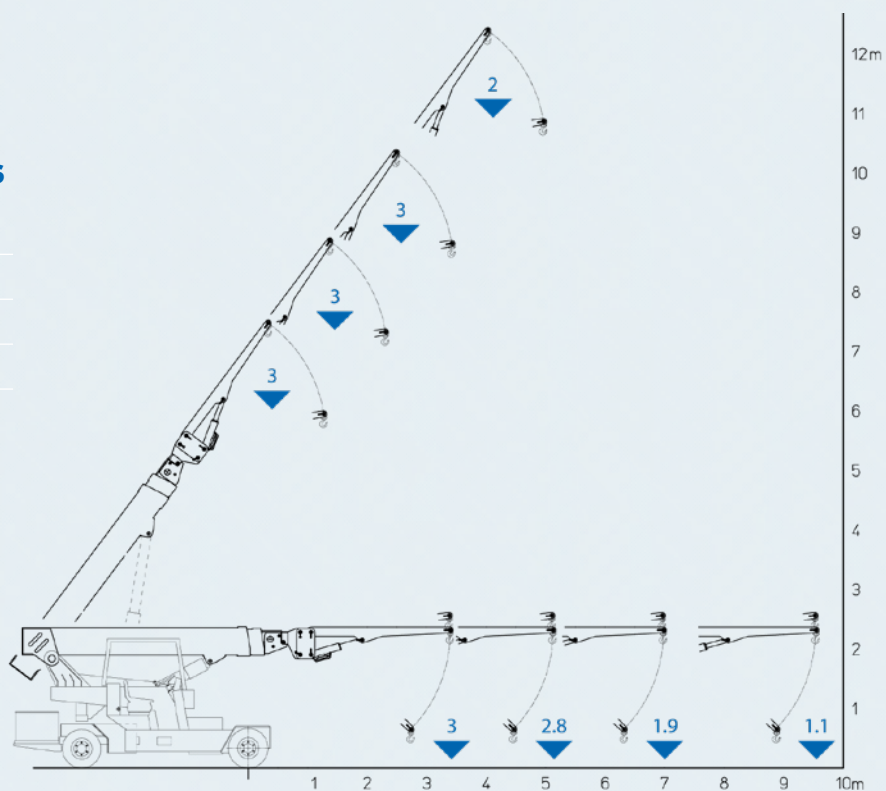
Dimensions (mm)

Working Envelope



Fly Jib specifications

- Max. lifting capacity 3,000kg
- Max. working height 12.2m
- Max. working radius 9.5m
- Capacity @ max. height 2,000kg
- Capacity @ max. radius 1,100kg



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.

120ES

Pick & Carry Crane

Based on the 120E the 120ES has additional features to make it one of the most flexible cranes on the hire fleet.



 **100% Electric**

12,000kg



Technical specification

Max. lifting capacity	12,000kg
Max. working height	13.0m
Max. working radius	9.8m
Capacity @ max. height	1,400kg
Capacity @ max. radius	600kg
Power source	Battery
Charger type / Ampage	415v / 32A
Total machine weight (basic spec)	14,100kg

Features include

- Non-marking tyres
- Cabin

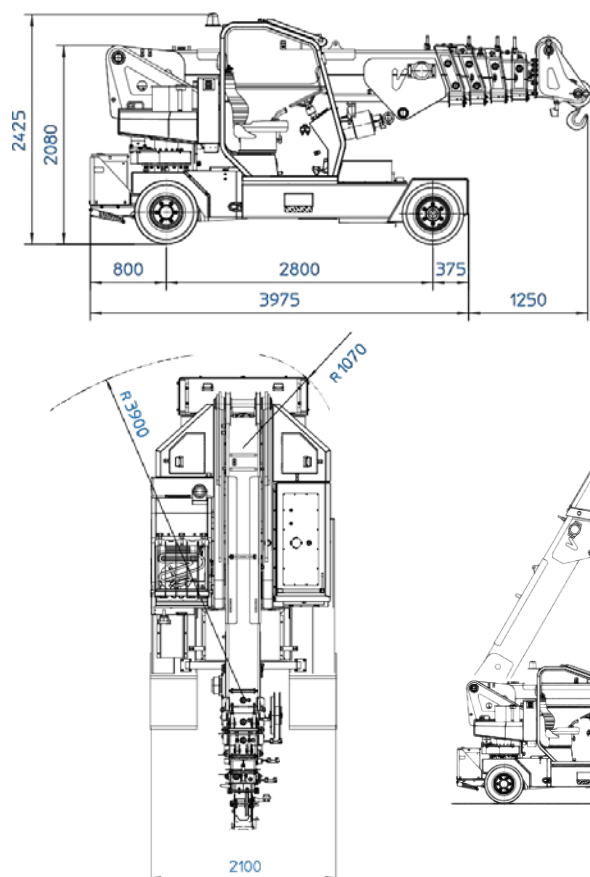
Optional Fly Jib
attachment available



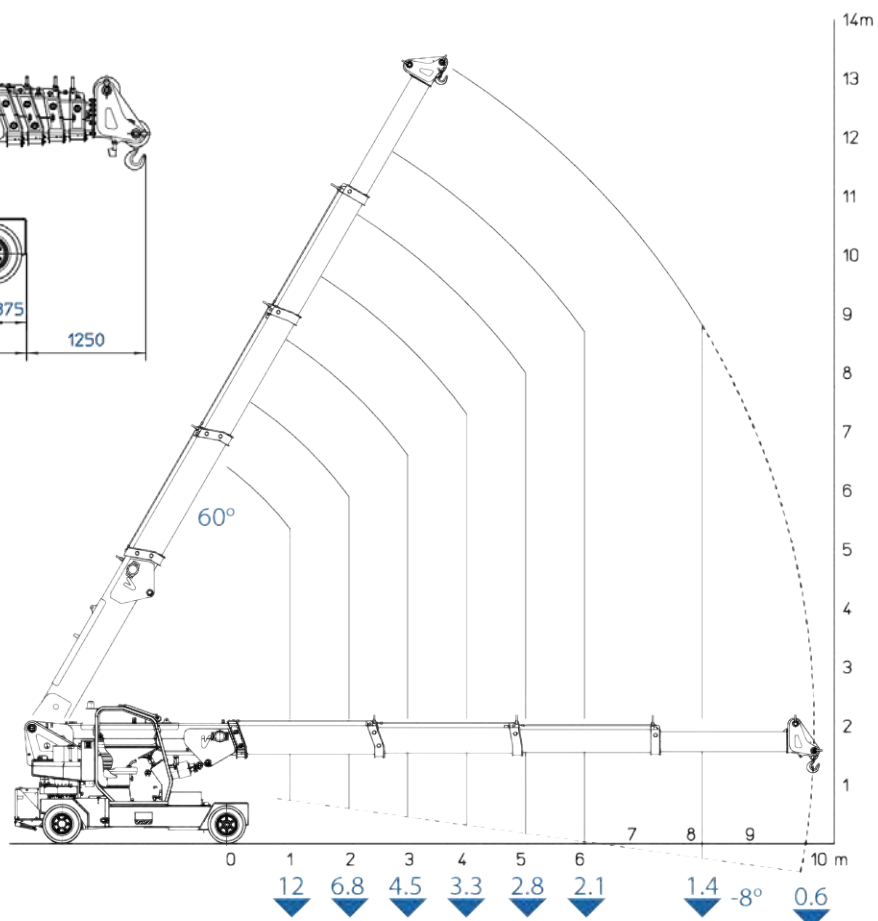
CPCS - A66 Compact Crane B
+ Product Familiarisation



Dimensions (mm)

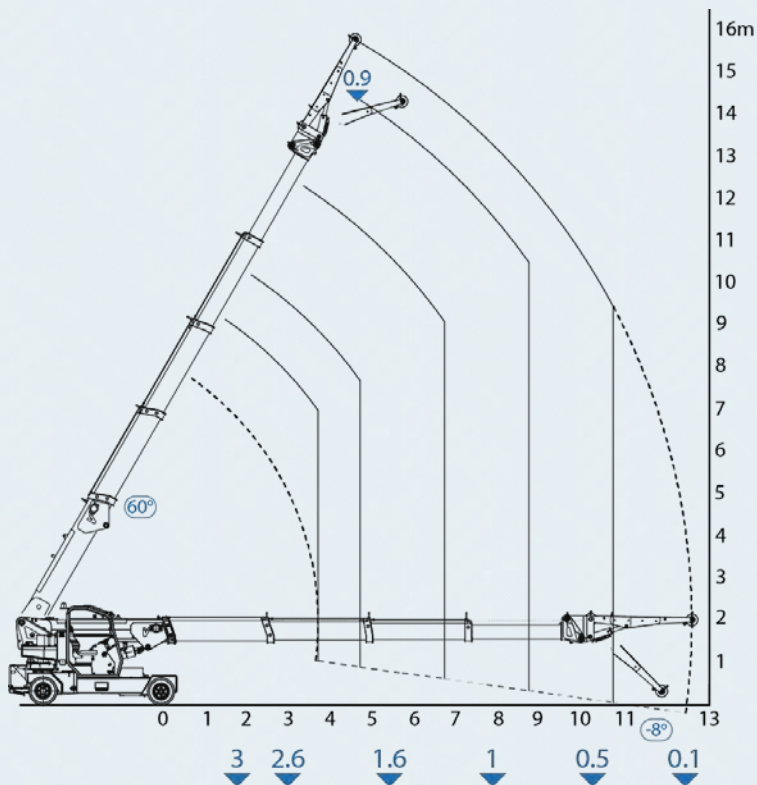


Working Envelope



Fly Jib specifications

- Max. lifting capacity 3,000kg
- Max. working height 14.50m
- Max. working radius 12.55m
- Capacity @ max. height 900kg
- Capacity @ max. radius 100kg



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.



UK & Ireland
Distributor

V130RX - Fully Radio Remote Control

Pick & Carry Crane

The Valla V130RX is an all-electric 13 tonne pick and carry crane.

Its compact 3.7m telescopic chassis can be extended forward to 4.4m, improving range and lifting performance.

It features Valla's innovative design with a 10 metre three section boom, and a forward reach of 6.2 metres.

Wireless remote-control operation provides the operator with an enhanced view of the load whilst lifting.



 **100% Electric**



On-board Load Monitoring



Wireless Remote Control

13,000kg



Technical specification

Max. lifting capacity	13,000kg
Max. working height	10.5m
Max. working radius	6.2m
Capacity @ max. height	8,200kg
Capacity @ max. radius	3,300kg
Power source	Battery
Charger type / Ampage	415v / 32A
Total machine weight (basic spec)	12,800kg

Features include

- Non-marking tyres
- Optional fly jib
- Variable position jib head
- Stabiliser crossbar
- Remote control

**Optional Fly Jib
attachment available**



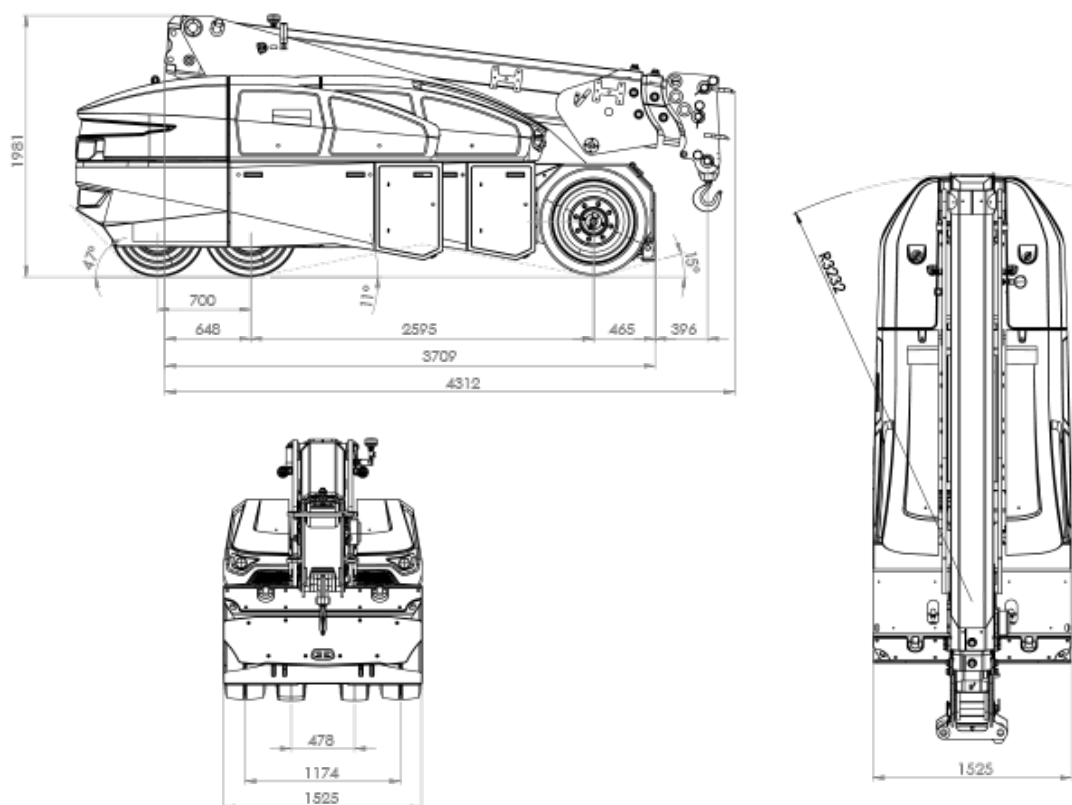
CPCS - A66 Compact Crane B





Valla's new generation crane design help deliver an enhanced working range and improved lift performance

Dimensions (mm)



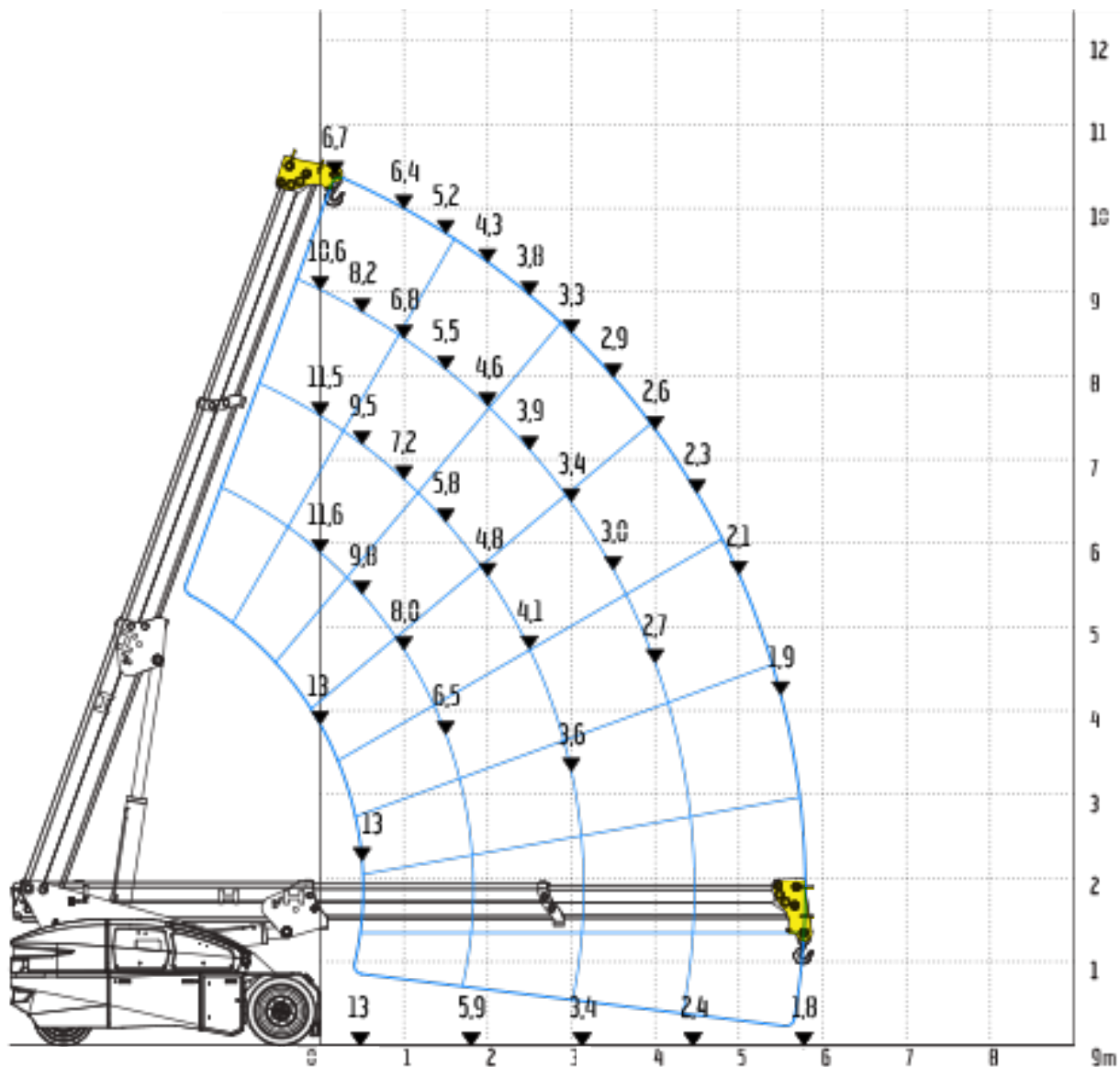
Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.

Working Envelopes

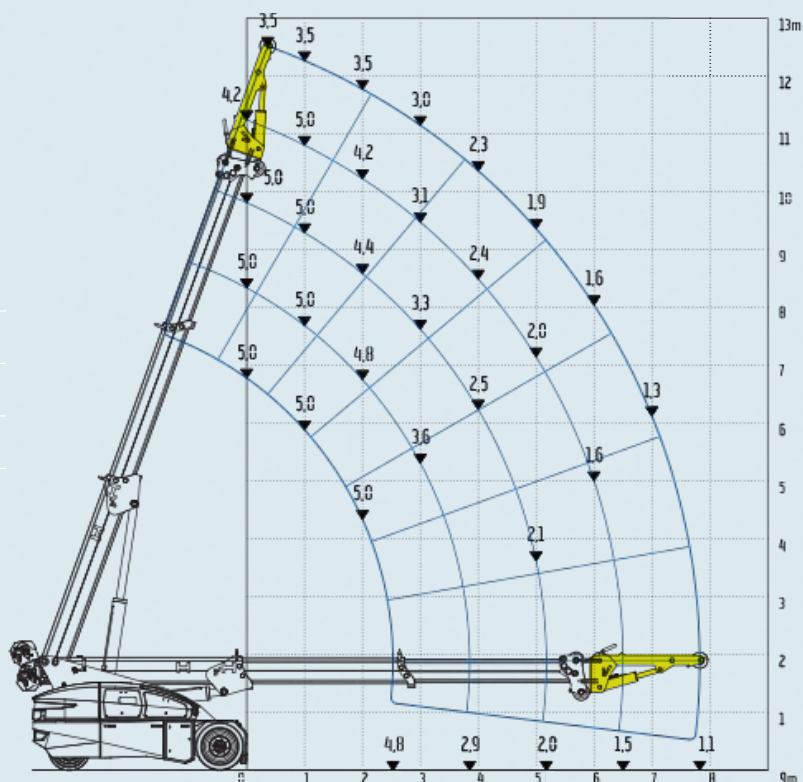
Standard Configuration



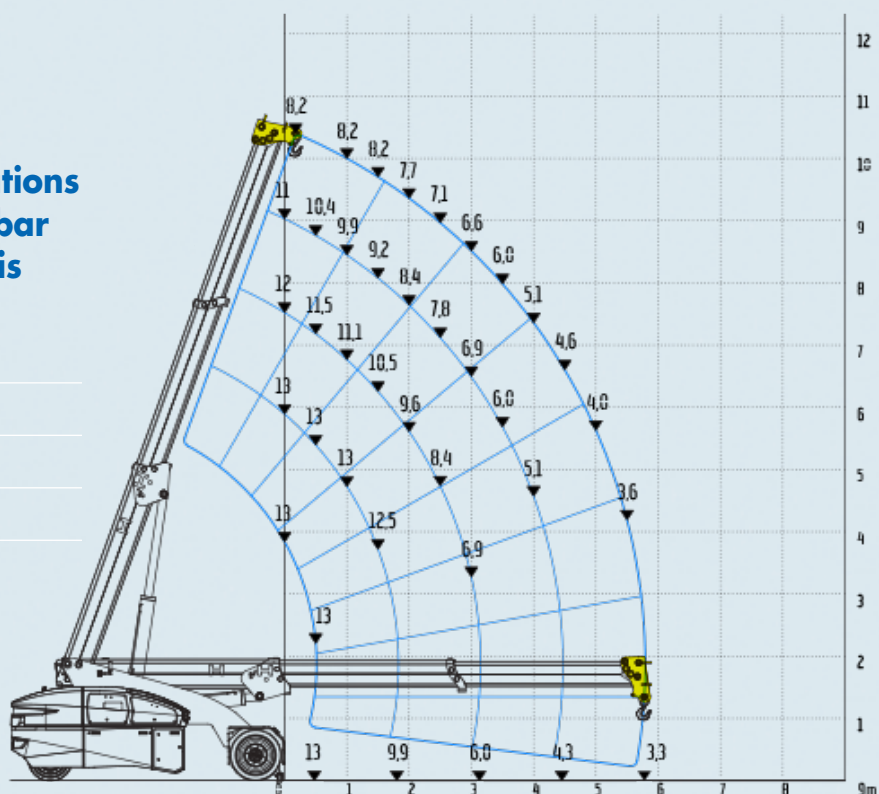
Scan here
for more specs



- Max. lifting capacity **5,000kg**
- Max. working height **12.5m**
- Max. working radius **7.8m**
- Capacity @ max. height **3,500kg**
- Capacity @ max. radius **1,100kg**



- Max. lifting capacity **13,000kg**
- Max. working height **10.1m**
- Max. working radius **5.8m**
- Capacity @ max. height **8,200kg**
- Capacity @ max. radius **3,300kg**



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.



UK & Ireland
Distributor

180E

Pick & Carry Crane

The Valla 180E pick and carry crane delivers big lifting capacity – it has a maximum safe working load of 18t – with all the sustainability and flexibility advantages of operating a battery electric powered crane.



 **100% Electric**

18,000kg



Technical specification

Max. lifting capacity	18,000kg
Max. working height	10.36m
Max. working radius	7.01m
Capacity @ max. height	5,000kg
Capacity @ max. radius	3,000kg
Power source	Battery
Charger type / Ampage	415v / 32A
Total machine weight	19,000kg

Features include

- Non-marking tyres
- Enclosed cabin



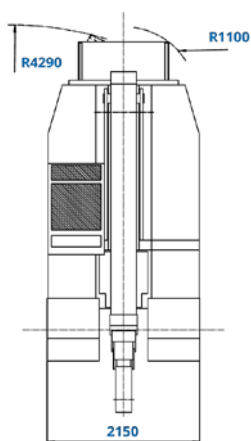
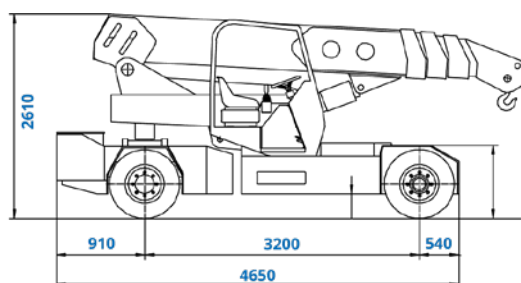
CPCS - A66 Compact Crane B
+ Product Familiarisation



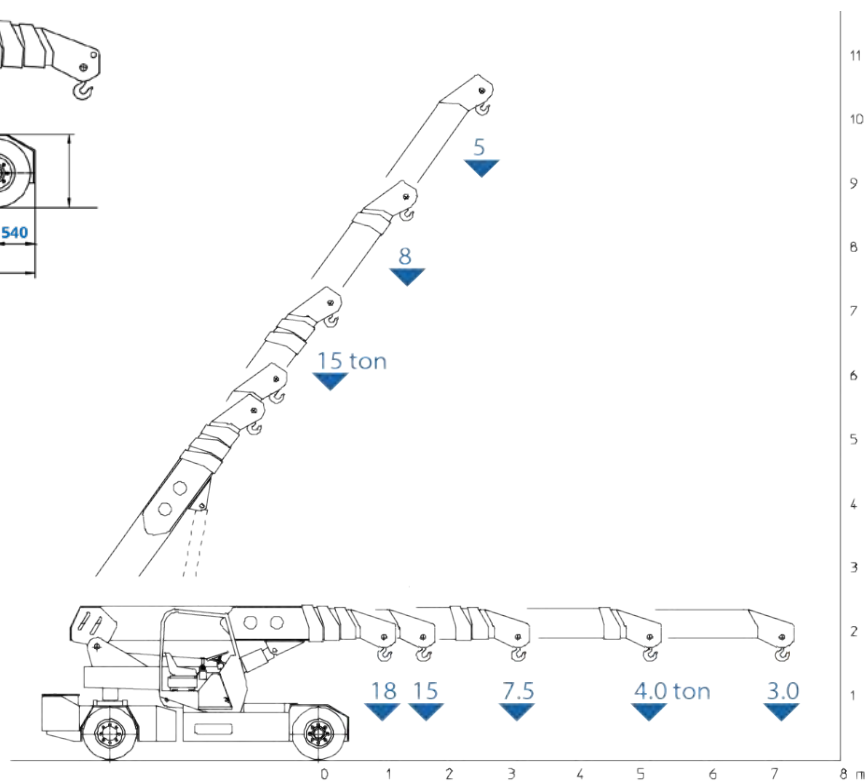


Valla 180E - versatile lifting with a maximum capacity of 18,000kg

Dimensions (mm)



Working Envelope



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.



UK & Ireland
Distributor

V180RC

Fully Radio Remote Control & Cabin Cruiser

Pick & Carry Crane

Valla V180R is an 18 tonne all electric pick and carry crane with 8.5m reach.

Variable tilt head, stabiliser crossbar, removable 3x 6500kg counterweights, hook, non-marking tyres and wireless control box are all supplied as standard.



 **100% Electric**



On-board Load Monitoring



Wireless Remote Control

18,000kg



Technical specification

Max. lifting capacity	18,000kg
Max. working height	12.5m
Max. working radius	8.1m
Capacity @ max. height	10,800kg
Capacity @ max. radius	4,200kg
Power source	Battery
Charger type / Ampage	415v / 32A
Total machine weight (basic spec)	20,980kg

Features include

- Non-marking tyres
- Cabin or remote control
- Optional 12ton fly jib
- Winch & Hook block
- Front stabilisers

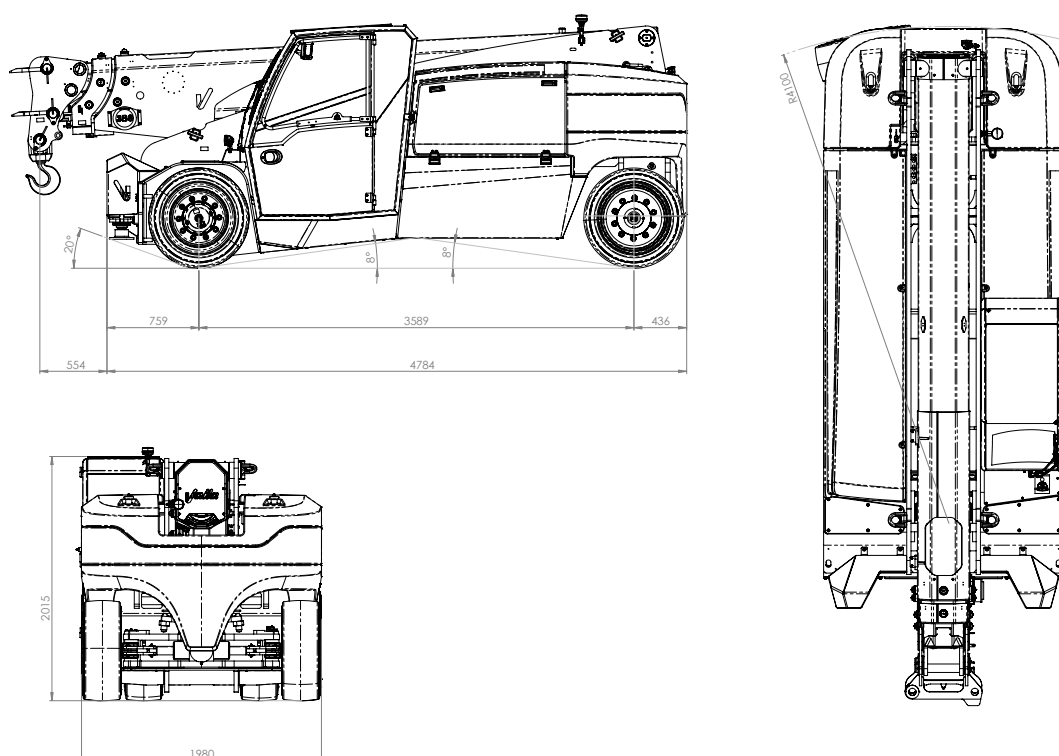
Optional Fly Jib attachment available



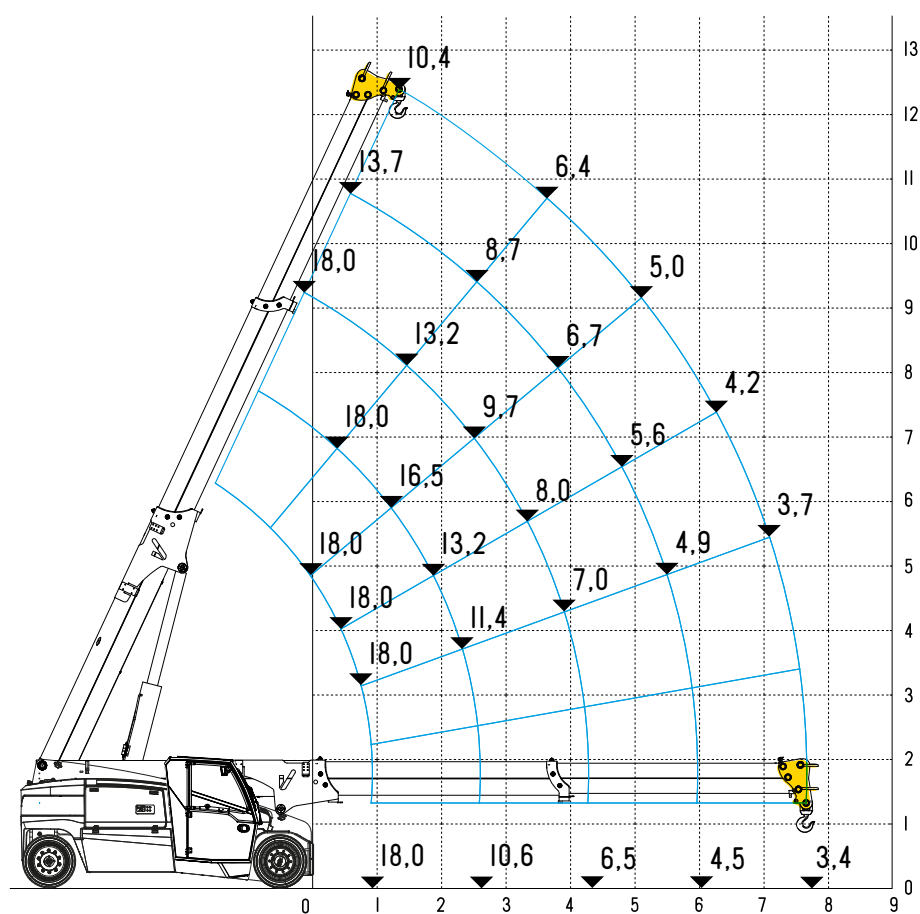
CPCS - A66 Compact Crane B
+ Product Familiarisation



Dimensions (mm)



Standard Configuration



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.

V180RC - Fully Radio Remote Control Pick & Carry Crane

Working Envelopes

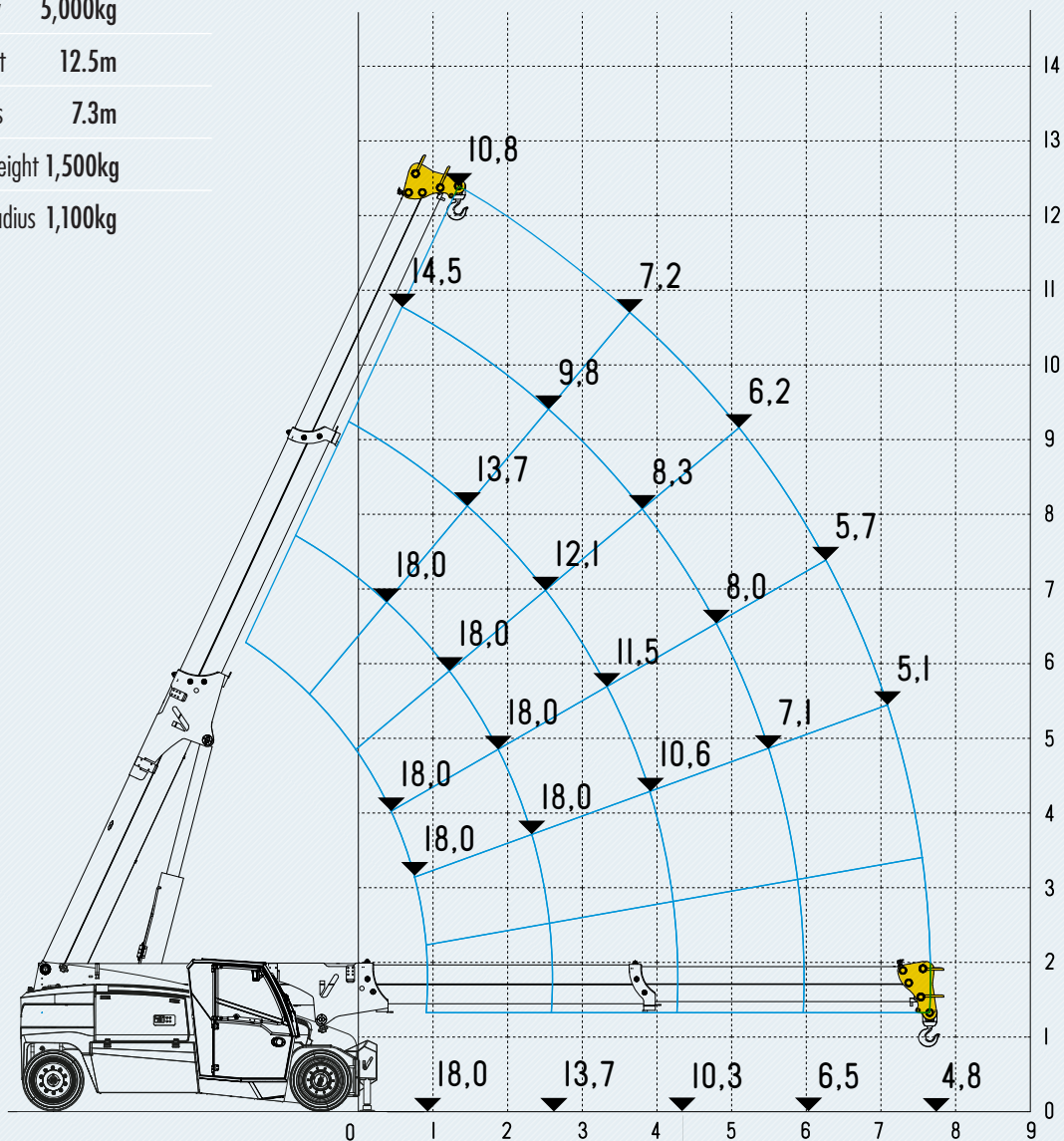


Scan here
for more specs



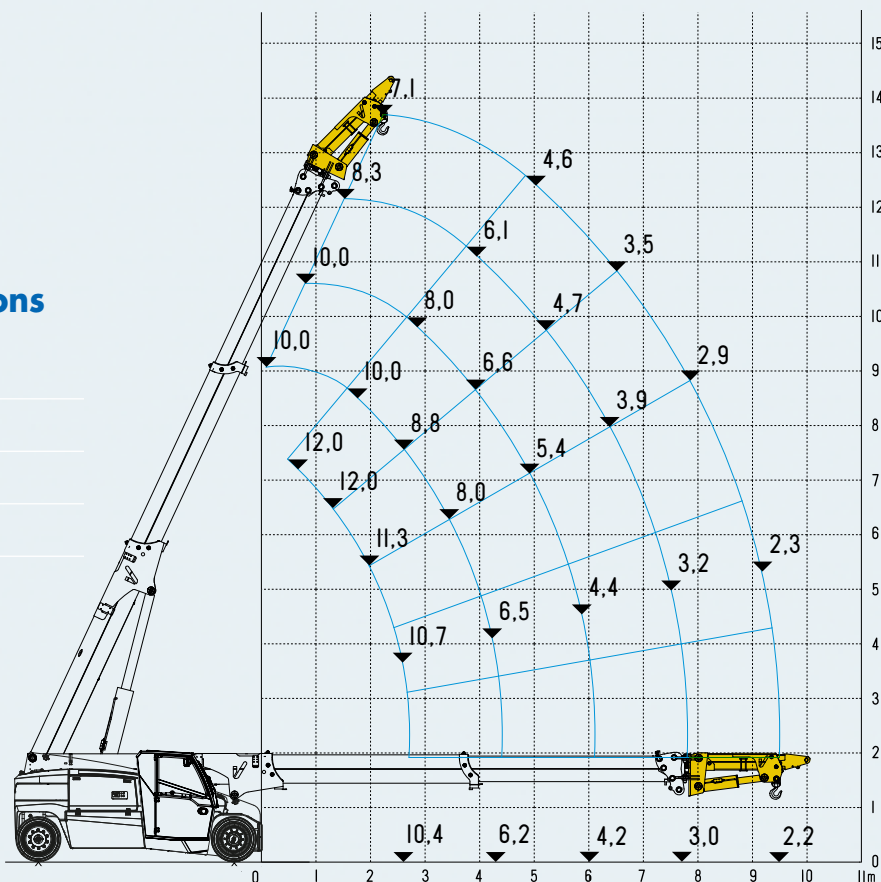
Fixed hook and winch with stabilisers

- Max. lifting capacity 5,000kg
- Max. working height 12.5m
- Max. working radius 7.3m
- Capacity @ max. height 1,500kg
- Capacity @ max. radius 1,100kg



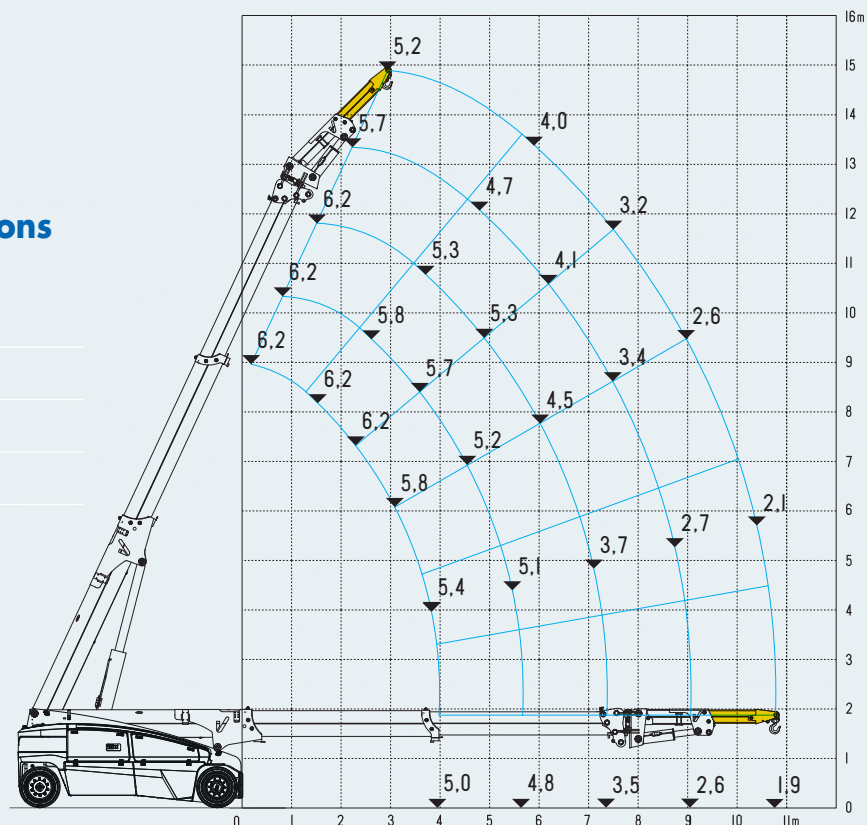
Hydraulic fly jib retracted specifications

- Max. lifting capacity 10,000kg
- Max. working height 14.0m
- Max. working radius 9.96m
- Capacity @ max. height 6,000kg
- Capacity @ max. radius 2,100kg



Hydraulic fly jib extended specifications

- Max. lifting capacity 6,200kg
- Max. working height 14.8m
- Max. working radius 10.74m
- Capacity @ max. height 5,200kg
- Capacity @ max. radius 1,900kg





UK & Ireland
Distributor

180ES

Pick & Carry Crane

The Valla 180ES mini crane is arguably one of the most flexible machines in our mini crane hire fleet – because often it can be used in place of larger and more expensive static or mobile cranes.



 **100% Electric**

18,000kg



Technical specification

Max. lifting capacity	18,000kg
Max. working height	13.0m
Max. working radius	9.8m
Capacity @ max. height	2,900kg
Capacity @ max. radius	1,500kg
Power source	Battery
Charger type / Ampage	415v / 32A
Total machine weight (basic spec)	19,000kg

Features include

- Non-marking tyres
- Cabin

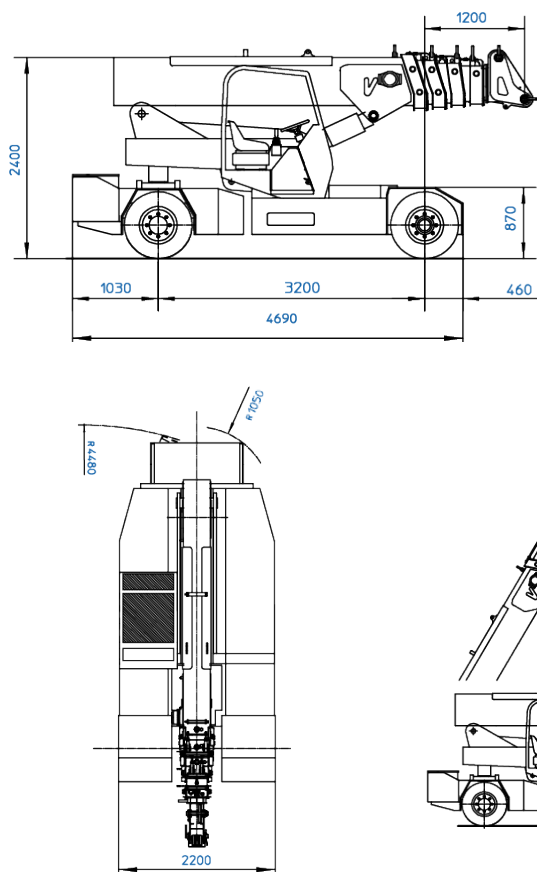
Optional Fly Jib
attachment available



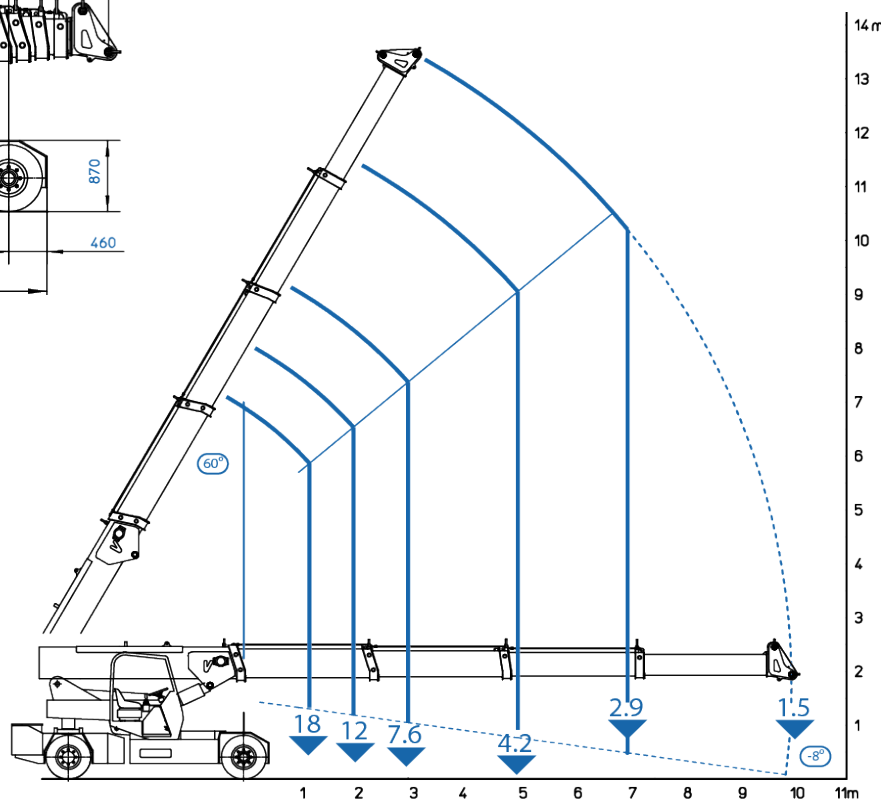
CPCS - A66 Compact Crane B
+ Product Familiarisation



Dimensions (mm)

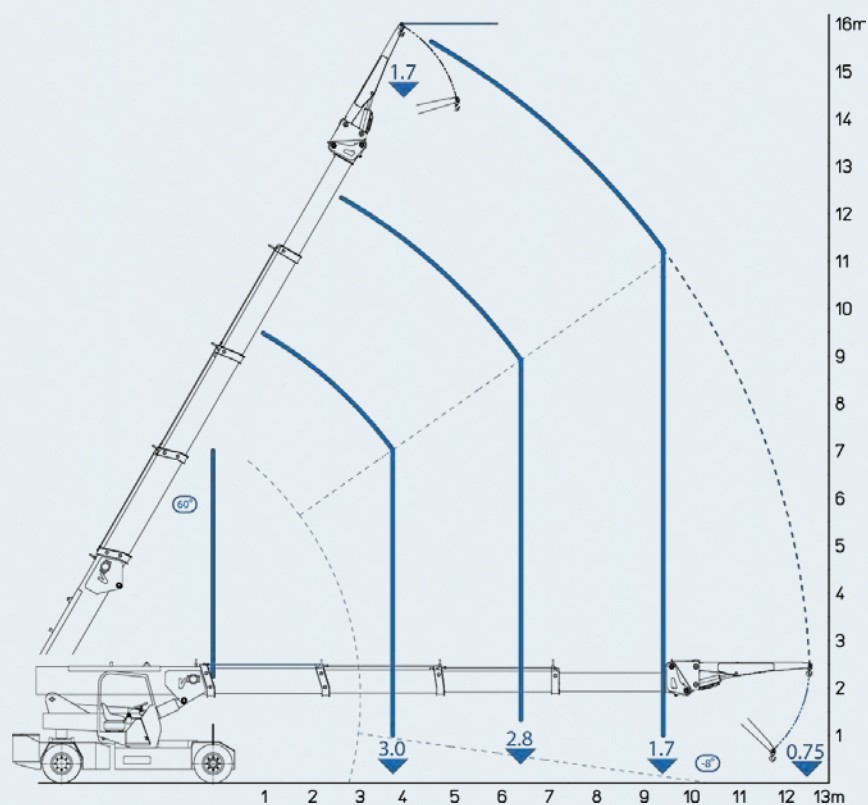


Working Envelope



Fly Jib specifications

- Max. lifting capacity 3,000kg
- Max. working height 15.8m
- Max. working radius 12.5m
- Capacity @ max. height 1,700kg
- Capacity @ max. radius 750kg



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.



UK & Ireland
Distributor

V210R

Fully Radio Remote Control & Cabin Cruiser

Pick & Carry Crane

The Valla V210R pick and carry crane is one of our new generation mini cranes. It can be operated from a sit-in cabin or via a wireless remote control.

This gives the operator freedom to choose the optimum location for controlling a lift, increasing safety and productivity. The crane can be supplied with various attachments, including a standard fixed hook, a fly jib or lifting forks.



 **100% Electric**



On-board Load Monitoring



Wireless Remote Control

21,000kg



Technical specification

Max. lifting capacity	21,000kg
Max. working height	12.5m
Max. working radius	8.1m
Capacity @ max. height	11,200kg
Capacity @ max. radius	5,100kg
Power source	Battery
Charger type / Ampage	415v / 32A
Total machine weight (basic spec)	23,500kg

Features include

- Front outrigger bar
- Optional 3t, 3m fly jib
- Cabin or remote control
- Non-marking tyres

Optional Fly Jib or Forks
attachment available



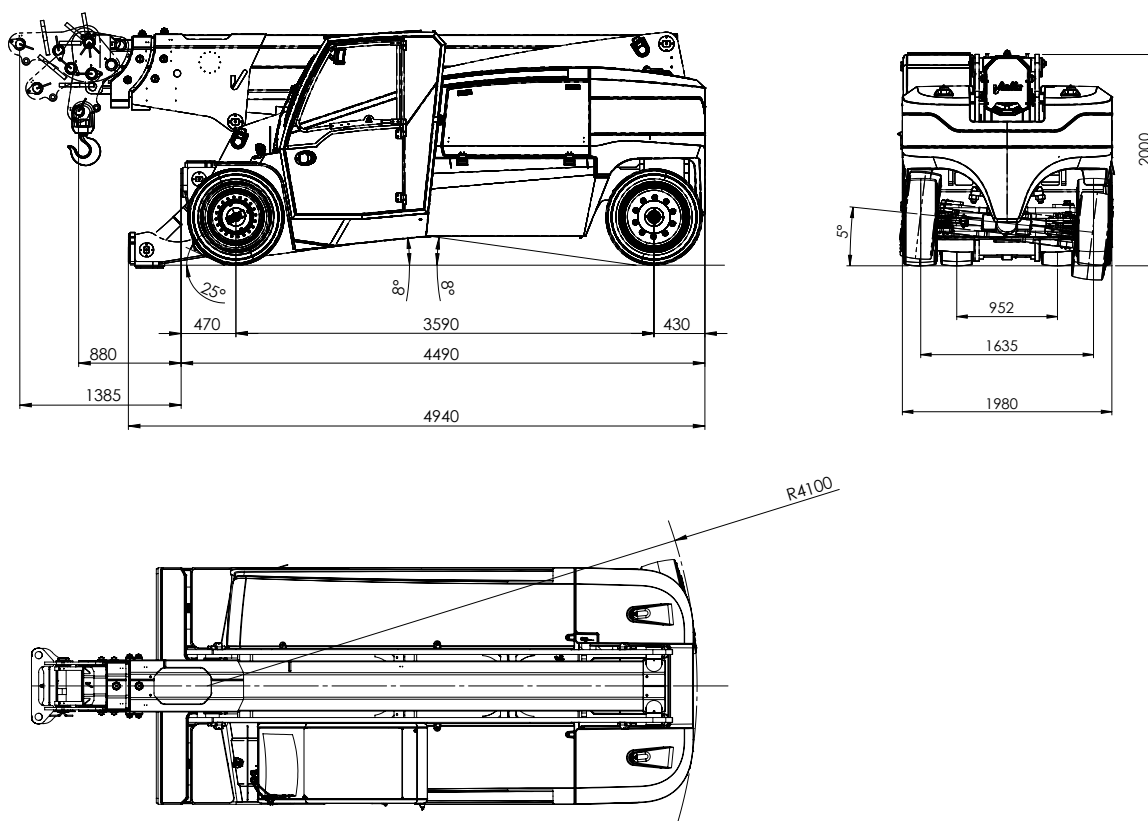
CPCS - A66 Compact Crane B
+ Product Familiarisation





Introducing the very best pick and carry cranes (from L to R) – Valla V210RC, 250EC and V180RC

Dimensions (mm)



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.

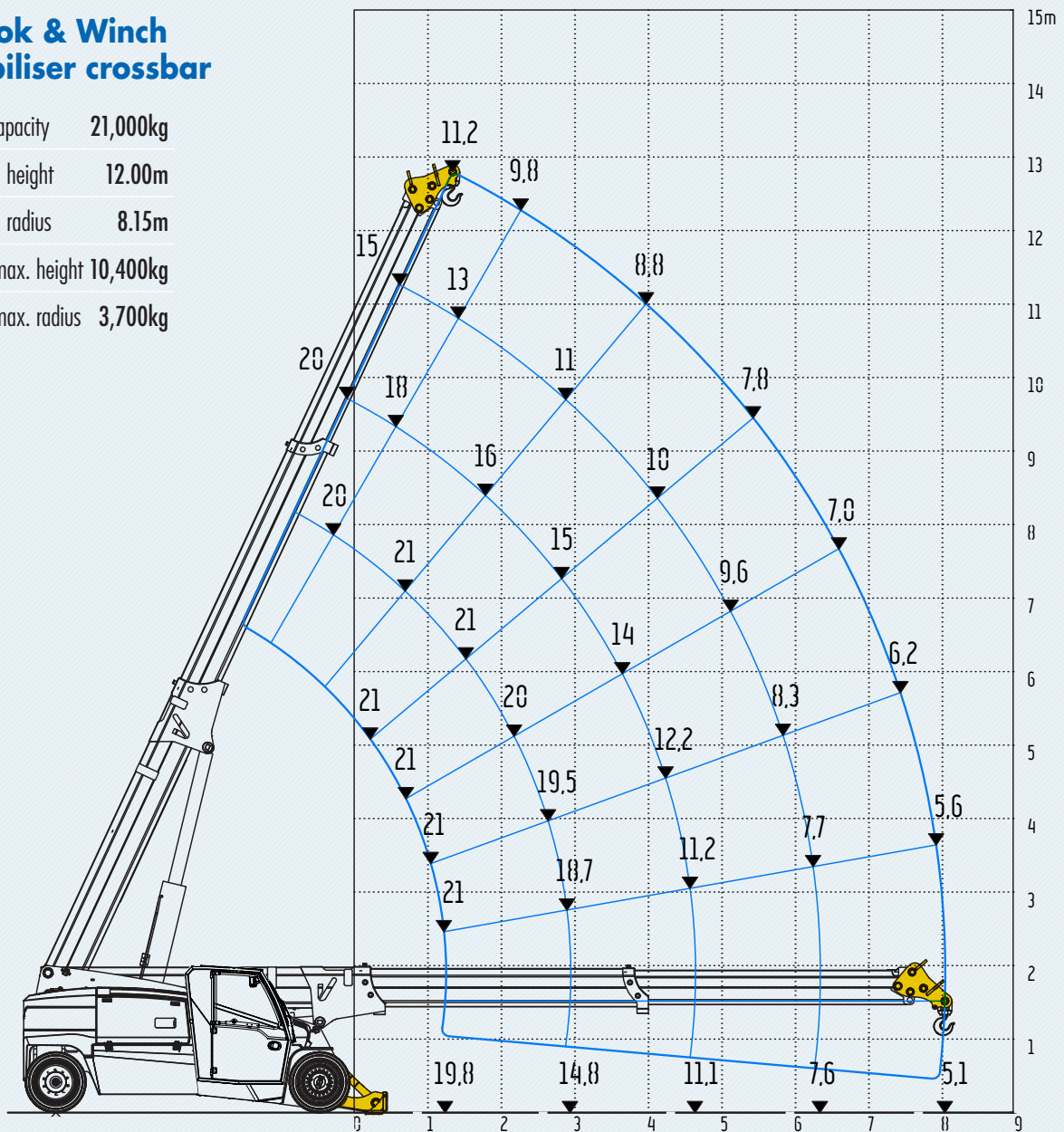


Scan here
for more specs

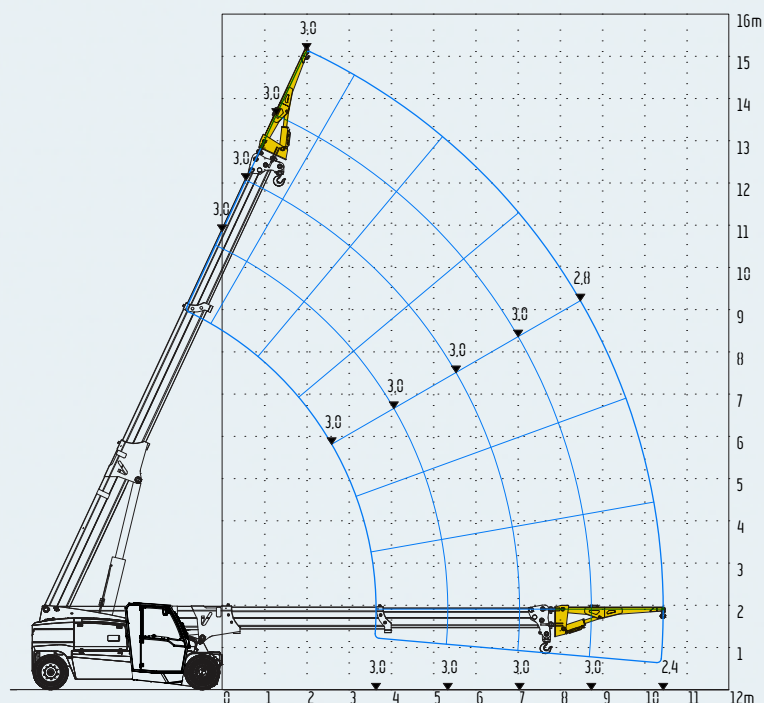


Fixed hook & Winch with stabiliser crossbar

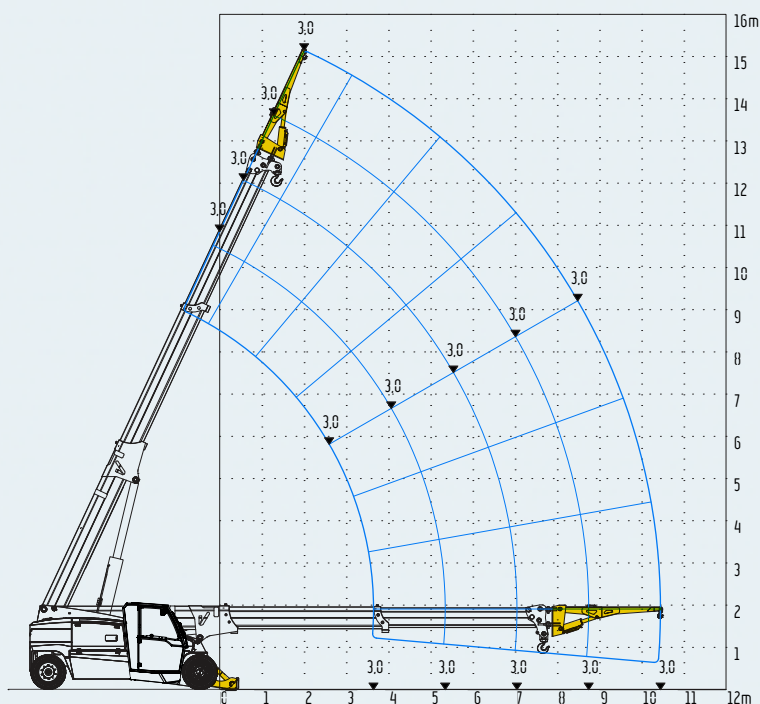
- Max. lifting capacity 21,000kg
- Max. working height 12.00m
- Max. working radius 8.15m
- Capacity @ max. height 10,400kg
- Capacity @ max. radius 3,700kg



- Max. lifting capacity **3,000kg**
- Max. working height **15.2m**
- Max. working radius **10.9m**
- Capacity @ max. height **3,000kg**
- Capacity @ max. radius **2,400kg**



- Max. lifting capacity **3,000kg**
- Max. working height **15.20m**
- Max. working radius **10.90m**
- Capacity @ max. height **3,000kg**
- Capacity @ max. radius **3,300kg**



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.



UK & Ireland
Distributor

250E

Pick & Carry Crane

The Valla 250E pick & carry crane has a maximum safe working load of 25t, and combines this with an impressive max lift height of 13m (3.6t) and maximum radius of 9.8m (1.9t), all with fume-free and low noise operation.



 **100% Electric**



On-board Load Monitoring



Wireless Remote Control

25,000kg



Technical specification

Max. lifting capacity	25,000kg
Max. working height	12.8m
Max. working radius	9.7m
Capacity @ max. height	3,600kg
Capacity @ max. radius	1,900kg
Power source	Battery
Charger type / Ampage	415v / 32A
Total machine weight (basic spec)	23,330kg

Features include

- Driver visibility camera
- Cabin and remote control
- Fork Attachment
- Non-marking tyres

**Optional Forks
attachment available**



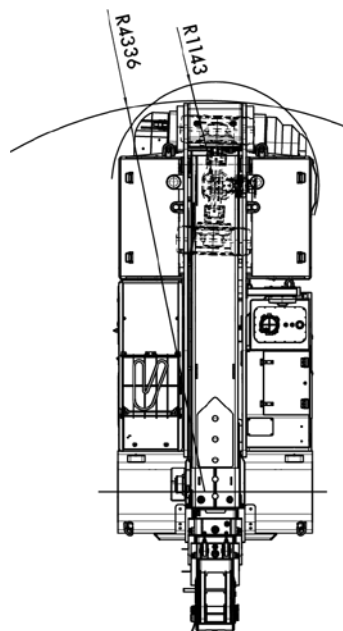
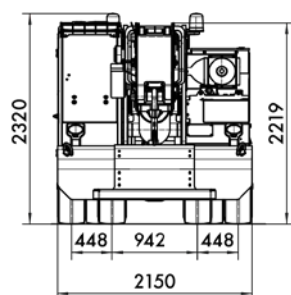
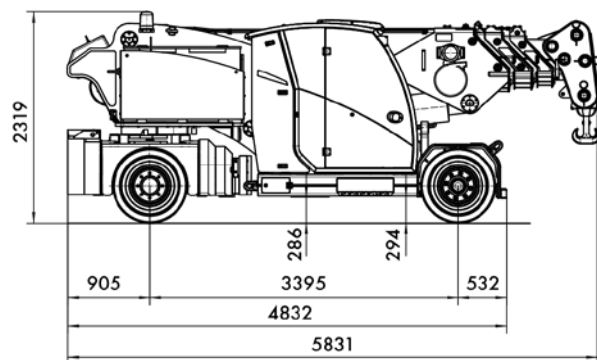
CPCS - A66 Compact Crane B
+ Product Familiarisation





Valla 250 has a compact 2.15m chassis width providing operators with more lift flexibility

Dimensions (mm)



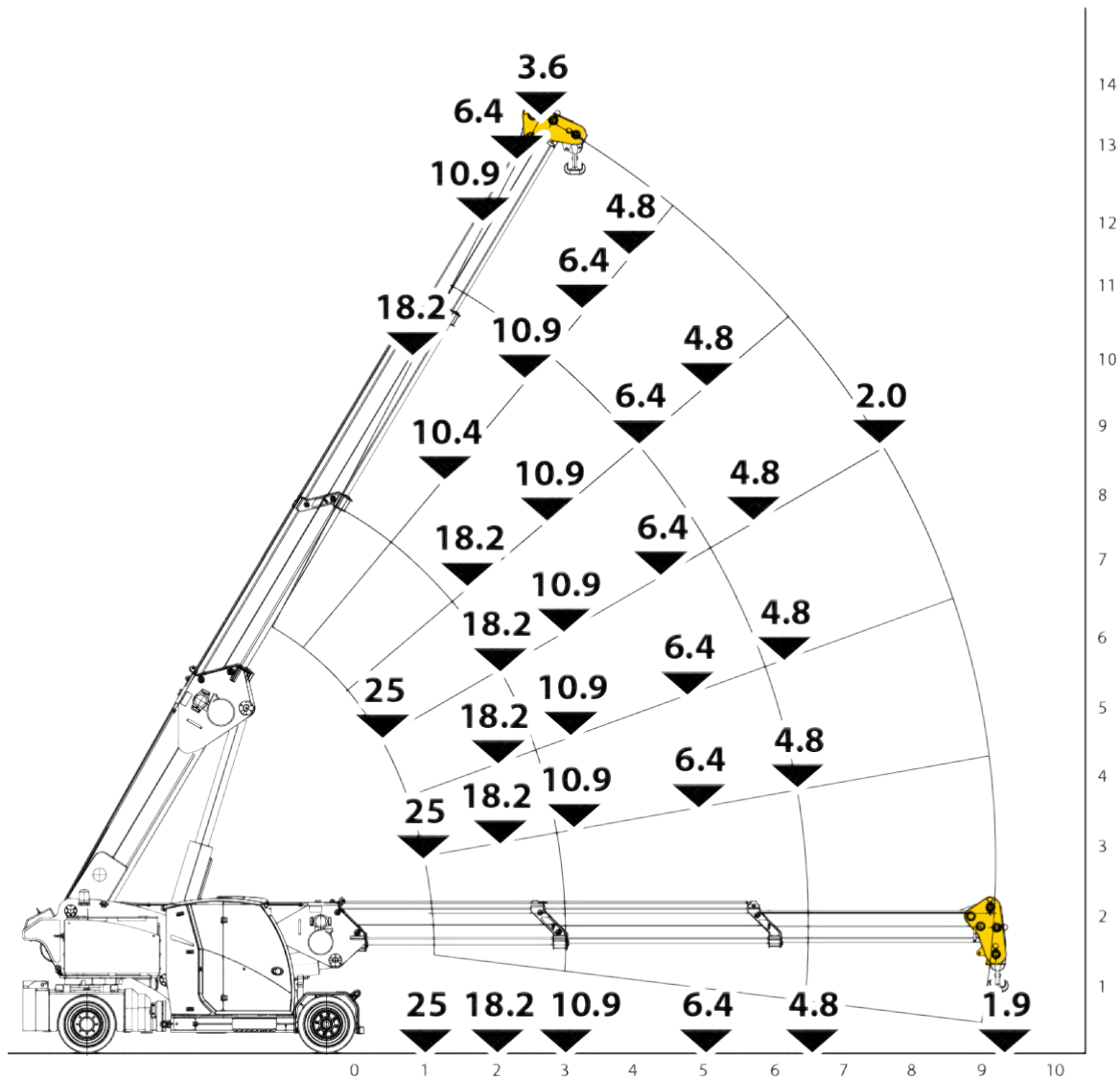
Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.

Working Envelopes

Standard Configuration

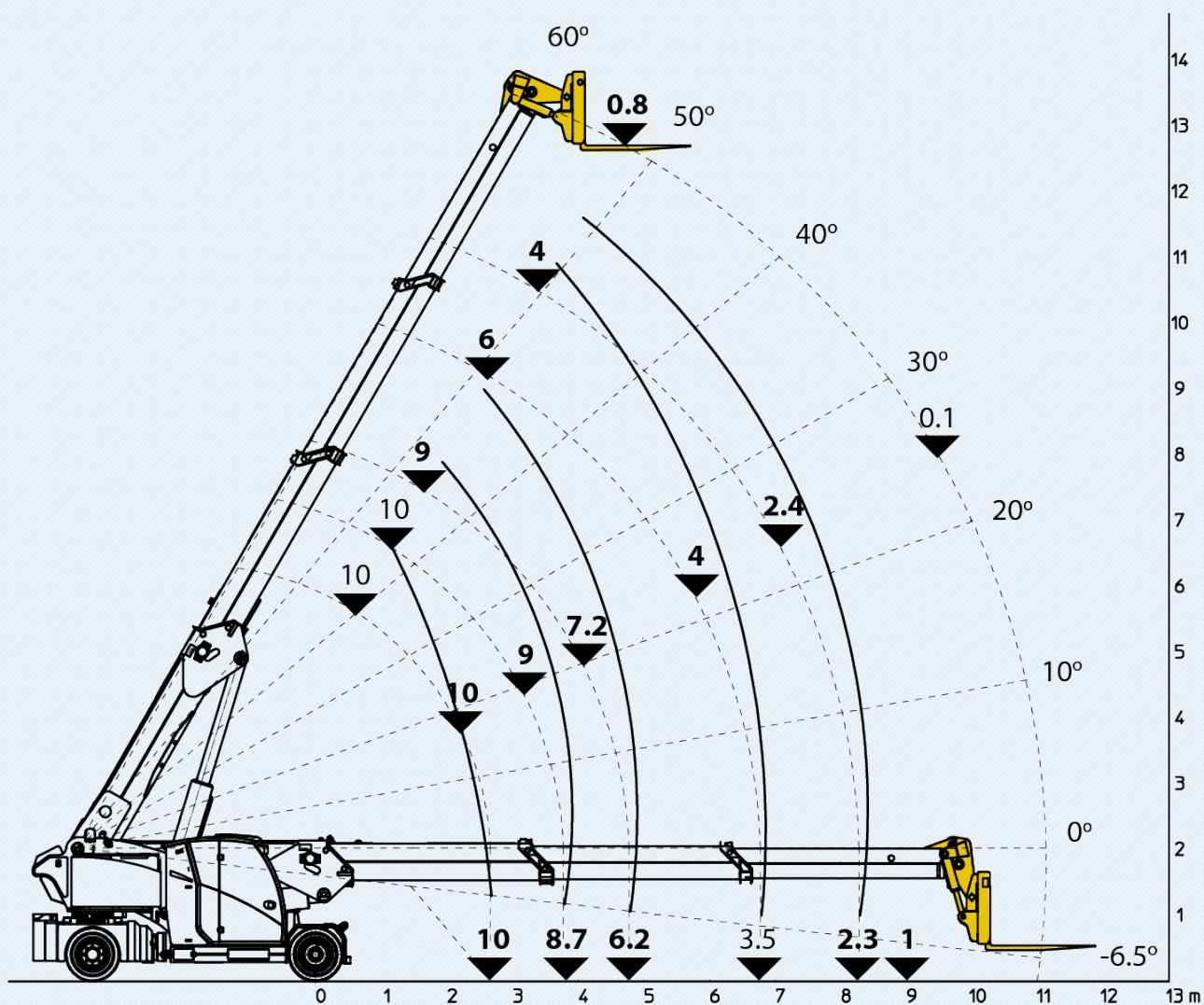


Scan here
for more specs



Forks specifications

- Max. lifting capacity 10,000kg
- Max. working height 12.80m
- Max. working radius 11m
- Capacity @ max. height 800kg
- Capacity @ max. radius 100kg



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.



Est. 1983
Celebrating **40 Years**

www.hird.co.uk



Valla Fork Attachments



Valla

3,000kg

Max. lifting capacity	3t
Max. working height	8.77m
Max. working radius	6.70m
Capacity @ max. height	1t
Capacity @ max. radius	0.38t
	STD wheelbase

Full specifications for the Valla V80R are available on page 36



10,000kg

Max. lifting capacity	10t
Max. working height	12.80m
Max. working radius	11m
Capacity @ max. height	0.8t
Capacity @ max. radius	0.1t

Full specifications for the Valla 250E are available on page 62





Est. 1983
Celebrating **40 Years**

www.hird.co.uk

MC174

(1.72t x 1m)

Maeda Mini Crane

The Maeda MC174 sets the standard that other mini cranes try to achieve.

Its super slim width of 590mm coupled with its 1.72 ton lifting capacity make it absolutely unparalleled.



1.72t x 1m

Technical Specification

Max. lifting capacity	1.72t x 1m
Lifting height	5.5m x 770kg
Max. working radius	5.17m x 220kg
Boom length	1.83m - 5.5m
Power source	Diesel or Electric Mains
Weight	1,290kg

Features include

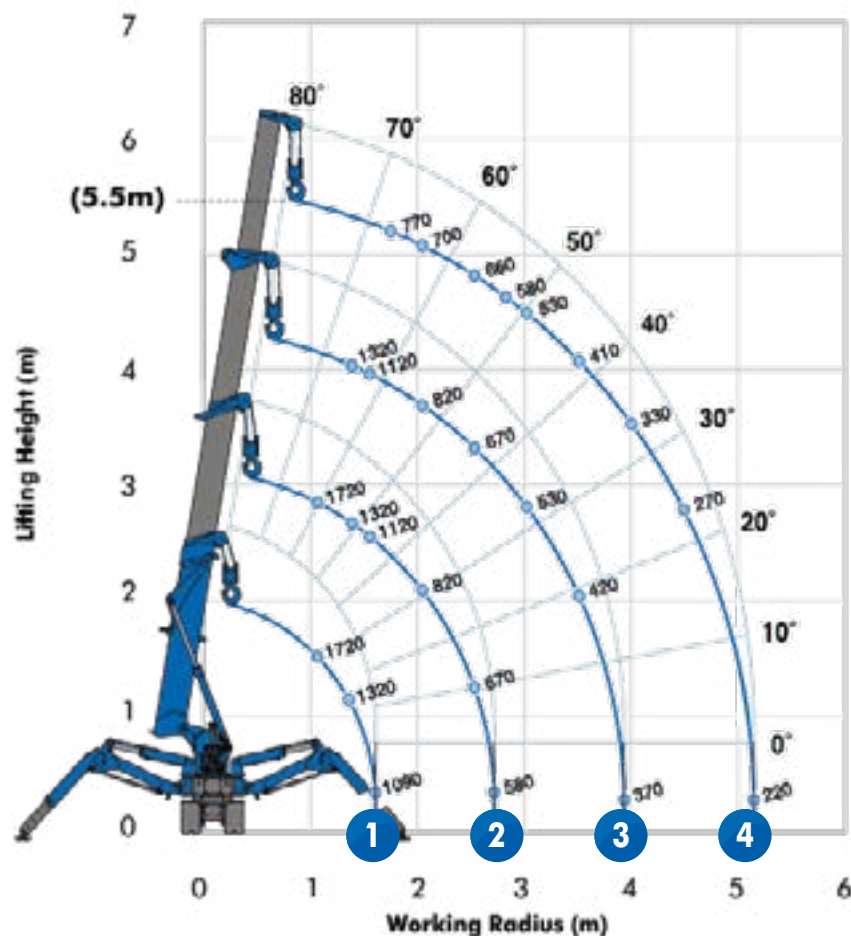
- Super slim body width (590mm)
- Rubber tracks
- Remote control
- Low ground pressure
- Optional 300kg searcher hook



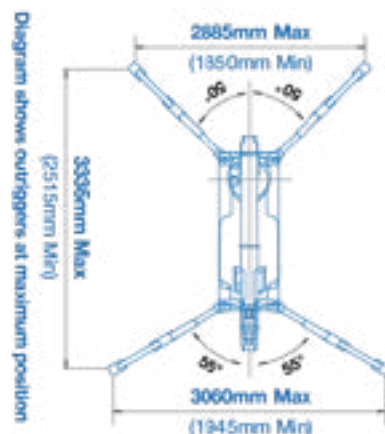
CPCS - A66 Compact Crane A



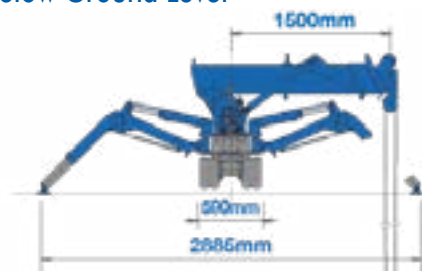
Working Envelope



Outrigger Positions



Max. Reach Below Ground Level



Rated Loads

1 First stage extended 1.83 - 2.97m boom length

Working radius	m up to	<1.0	1.30	1.55
Outrigger Max-extended	kg	1,720	1,320	1,090
Min-extended	kg	1,220	940	790

2 Second stage extended 2.97 - 4.21m boom length

Working radius	m up to	<1.0	1.30	1.50	2.0	2.50	2.69
Outrigger Max-extended	kg	1,720	1,320	1,120	820	670	580
Min-extended	kg	1,220	940	810	600	390	310

3 Third stage extended 4.21 - 5.45m boom length

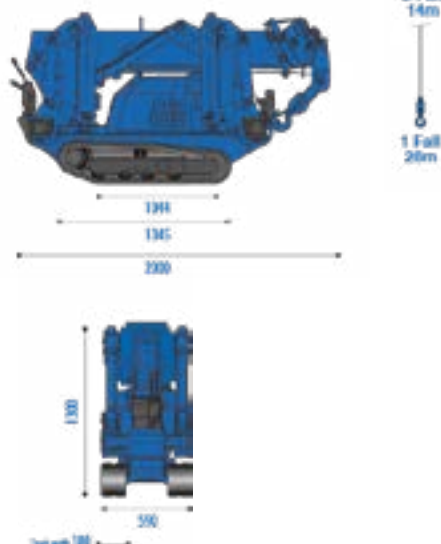
Working radius	m up to	<1.3	1.50	2.0	2.50	3.0	3.50	3.93
Outrigger Max-extended	kg	1,320	1,120	820	670	530	420	370
Min-extended	kg	940	810	600	390	300	220	180

4 Fourth stage extended 5.45 - 5.5m boom length

Working radius	m up to	<1.7	2.0	2.50	2.80	3.0	3.50	4.0	4.50	5.17
Outrigger Max-extended	kg	770	700	660	580	530	410	330	270	220
Min-extended	kg	720	600	390	330	300	220	180	140	100

Product specifications are subject to change without notice or obligation.
The photographs and/or drawings in this document are for illustrative purposes only.

Dimensions (mm)





Est. 1983
Celebrating 40 Years

www.hird.co.uk

The Maeda MC285-2 has a narrow 750mm stowed width enabling it to fit through most standard doorways.

With an impressive 2.82t lift capacity and optional 850kg searcher hook, this mini crane is perfect for glazing jobs.



The Wirth Oktopus Glazing Manipulator is the perfect companion to the Maeda Mini Crane

MC285-2 (2.82t x 1.4m) Maeda Mini Crane



2.82t x 1.4m

Technical Specification

Max. lifting capacity	2.82t x 1.4m
Lifting height	8.7m x 550kg
Max. working radius	8.2m x 150kg
Boom length	2.535m - 8.575m
Power source	Various
Weight	Diesel - MC285 CRM 1,770kg Electric - MC285 CRME 1,950kg

Features include

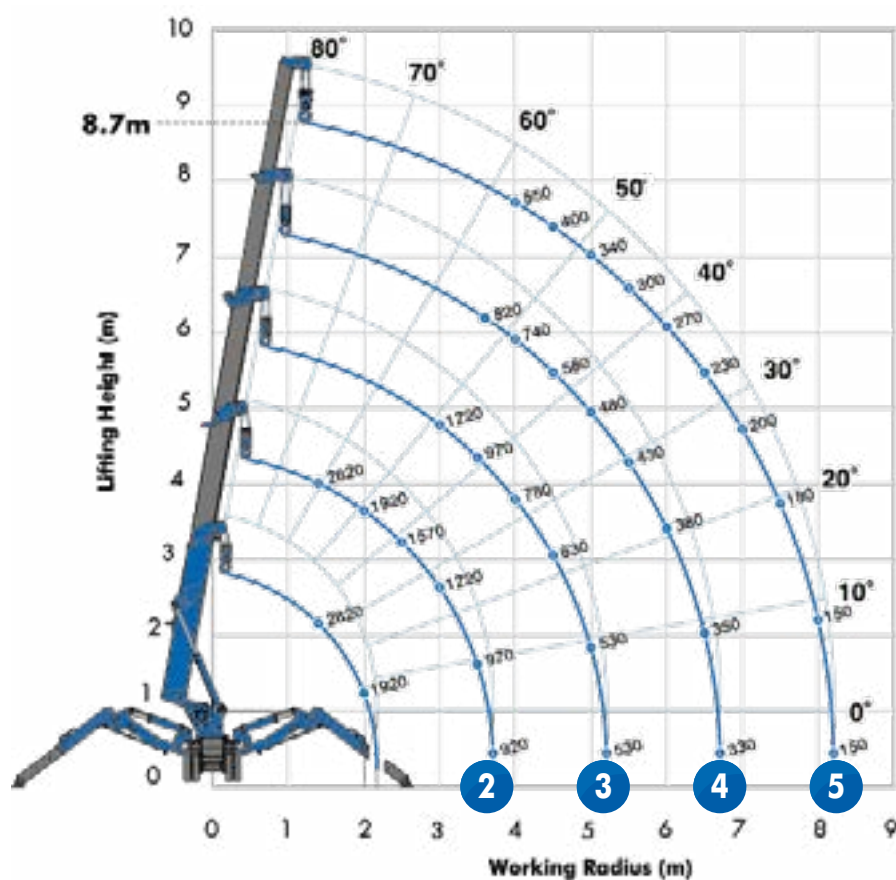
- Programmable moment limiter
- Tilt sensor / alarm
- Remote control
- Will go through single doorway
- Low ground pressure
- Optional 850kg searcher hook



CPCS - A66 Compact Crane A



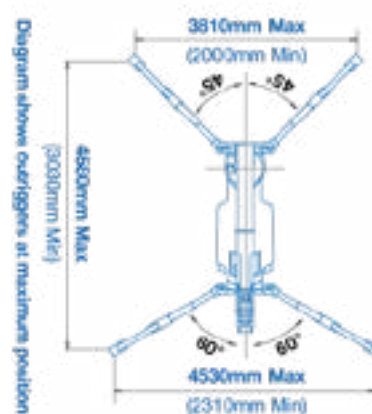
Working Envelope



Searcher Hook



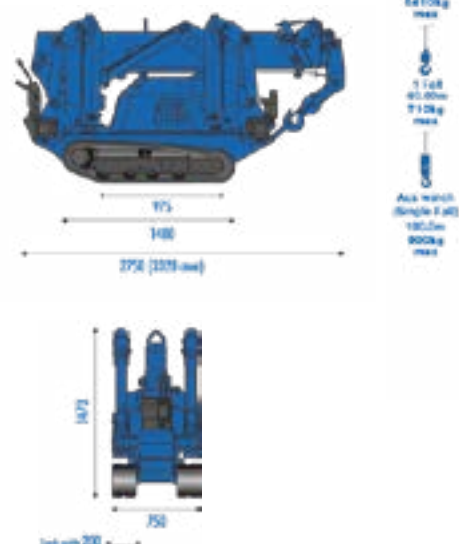
Outrigger Positions



Max. Reach
Below Ground Level



Dimensions (mm)



Rated Loads

2 Second stage extended 2.53 - 4.075m boom length

Working radius		m up to	<1.4	1.5	2.0	2.5	3.0	3.5	3.705
Outrigger	Max-extended	kg	2,820	2,520	1,920	1,570	1,220	970	920
	any other position	kg	n/a	1,720	1,070	630	520	430	350

3 Third stage extended 4.075 - 5.575m boom length

Working radius	m up to	<3.0	3.5	4.0	4.5	5.0	5.205
Outrigger	Max-extended	kg	1,220	970	780	630	530
	any other position	kg	510	410	330	280	230

4 Fourth stage extended 5.575- 7.075m boom length

Working radius	m up to	<3.6	4.0	4.5	5.0	5.5	6.0	6.5	6.705	
Outrigger	Max-extended	kg	820	740	580	480	430	380	350	330
	any other position	kg	400	330	280	230	180	160	150	140

5 Fifth stage extended 7.075 - 8.575m boom length

Working radius	m up to	<3.6	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.2	
Outrigger	Max-extended	kg	550	400	340	300	270	230	200	180	150	150
	any other position	kg	330	280	230	180	160	150	100	80	70	60

Product specifications are subject to change without notice or obligation.
The photographs and/or drawings in this document are for illustrative purposes only.



Est. 1983
Celebrating **40 Years**

www.hird.co.uk

The Maeda MC285CB-3 ECO is one of a new generation of all-electric mini cranes.

High performance **lithium-ion** battery power provides enough power for a working shift with additional charging whilst you work. Zero emissions for eco-friendly lifting to 2.82t.

MC285CB-3 ECO

(2.82t x 1.4m)

Maeda All Electric Mini Crane



 **100% Electric**

2.82t x 1.4m

Technical Specification

Max. lifting capacity	2.82t x 1.4m
Lifting height	8.7m x 550kg
Max. working radius	8.205m x 150kg
Boom length	2.535m - 8.575m
Power source	Battery 110v on-board charger
Weight	1,995kg

Features include

- 7" LMI display
- Variable outriggers
- Rubber tracks
- Remote control
- Low ground pressure
- Optional 850kg searcher hook



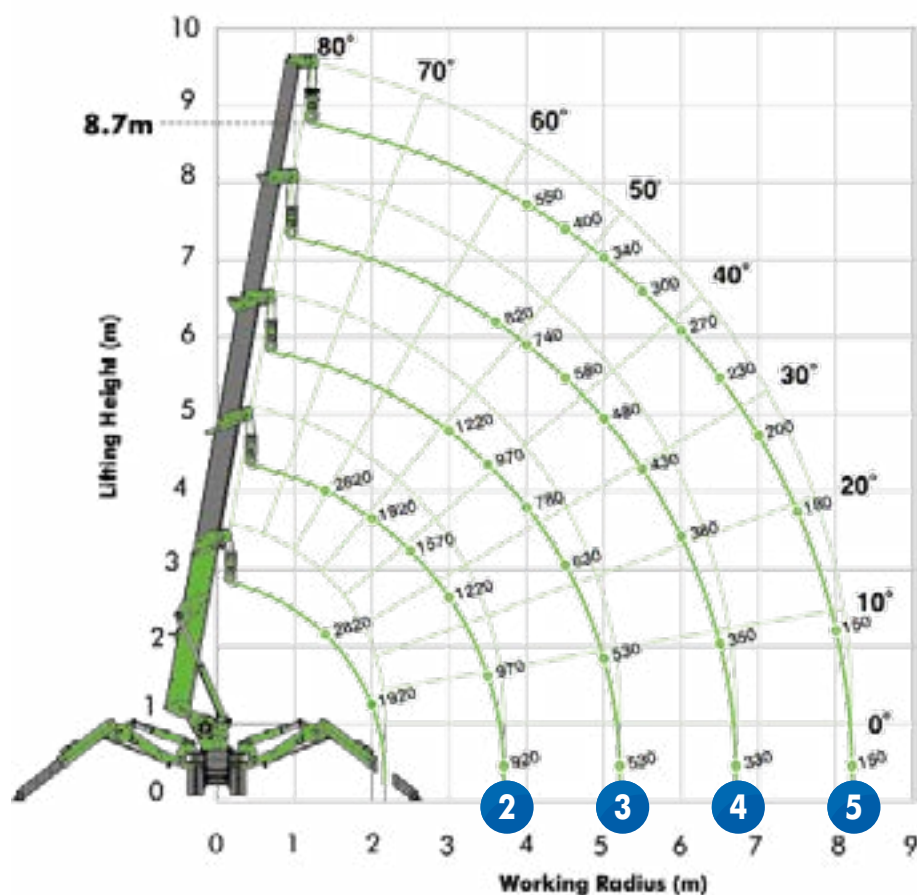
100% Electric battery power



CPCS - A66 Compact Crane A



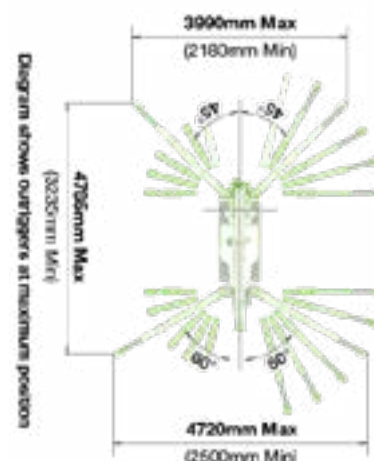
Working Envelope



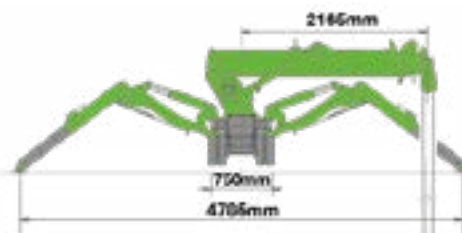
Searcher Hook



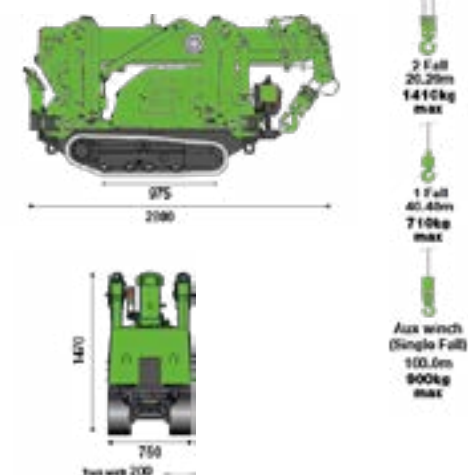
Outrigger Positions



Max. Reach Below Ground Level



Dimensions (mm)



100% Electric

Rated Loads

2

Second stage extended 2.53 - 4.075m boom length

Working radius	m up to	<1.4	1.5	2.0	2.5	3.0	3.5	3.705
Outrigger	Max-extended	kg	2,820	2,520	1,920	1,570	1,220	970
	any other position	kg	n/a	1,750	1,070	630	520	430

3

Third stage extended 4.075 - 5.575m boom length

Working radius	m up to	<3.0	3.5	4.0	4.5	5.0	5.205
Outrigger	Max-extended	kg	1,220	970	780	630	530
	any other position	kg	510	410	330	280	230

4

Fourth stage extended 5.575- 7.075m boom length

Working radius	m up to	<3.6	4.0	4.5	5.0	5.5	6.0	6.5	6.705
Outrigger	Max-extended	kg	820	740	580	480	430	380	350
	any other position	kg	400	330	280	230	180	160	150

5

Fifth stage extended 7.075 - 8.575m boom length

Working radius	m up to	<3.6	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.205
Outrigger	Max-extended	kg	550	400	340	300	270	230	200	180	150
	any other position	kg	330	280	230	180	160	150	100	80	70

Product specifications are subject to change without notice or obligation.
The photographs and/or drawings in this document are for illustrative purposes only.



Est. 1983
Celebrating **40 Years**

www.hird.co.uk

MK3053C ECO

(2.98t x 1.8m)

Maeda All Electric Mini Crane

The Maeda MK3053C ECO is one of a new generation of all-electric mini cranes available from Hird.

Automatic & Stepless multi outrigger setting allows operations in confined spaces like never before. Including the new Negative Angle Jib offering a wider working envelope which can be detached for standard fixed boom operations. Lithium-ion batteries which can be charged whilst in use allows a full working day with no compromises in output for your work teams.



 **100% Electric**

Radio Remote Control

2.98t x 1.8m

Technical Specification

Max. lifting capacity	Main Boom Jib	2.98t x 1.8m 1.0t x 5.2m
Lifting height	Main Boom Jib	12m 16.95m
Max. working radius	Main Boom Jib	9.4m 14.3m
Boom length	Main Boom Jib	3.1m - 10.3m 2.3m - 4.8m
Power source	110v on-board charger	Battery
Weight		2,900kg

Features include

- 7" LMI display
- 2 position jib head
- Variable track positions
- Variable outriggers
- Radio remote control
- Low ground pressure
- Negative angle jib



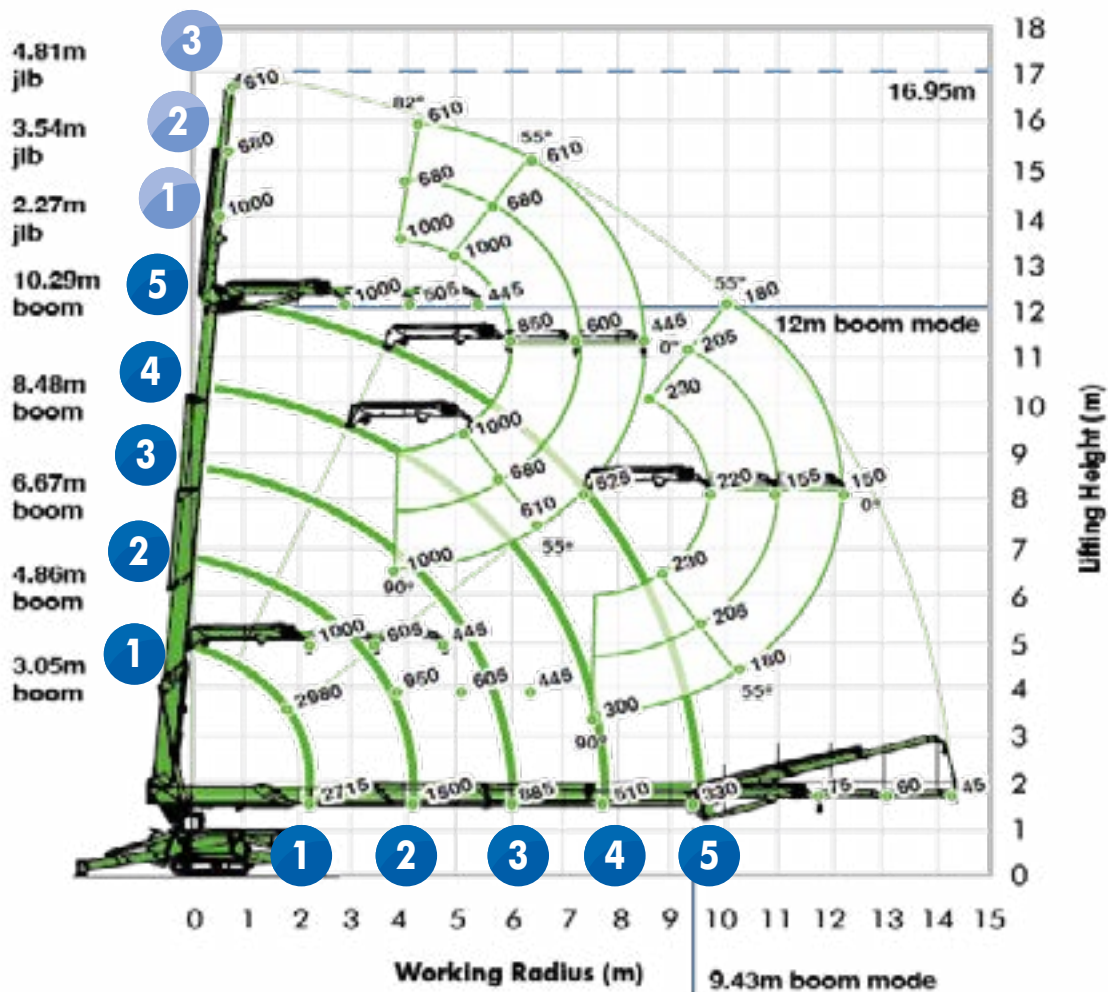
Variable track positions



CPCS - A66 Compact Crane A



Working Envelope



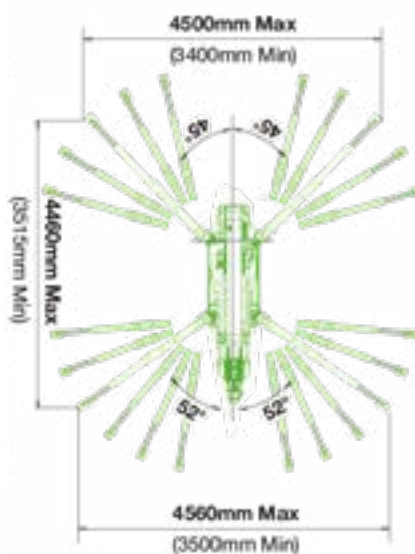
Dimensions (mm)



Jib Head



Outrigger Positions



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.

Rated Loads (Single Fall)

 **100% Electric**

Boom	Boom Angle (°)	Jib Angle (°)	2.27m Jib OR Extended Position			3.54m Jib OR Extended Position			4.81m Jib OR Extended Position		
			Max	Mid	Min	Max	Mid	Min	Max	Mid	Min
3.05m Boom	85	90	1000	1000	1000	1000	1000	1000	1000	1000	1000
		85	1000	1000	1000	1000	1000	1000	610	610	610
		55	1000	1000	1000	710	710	710	610	610	610
		0	1000	1000	1000	605	605	605	445	445	445
	45	90	1000	1000	1000	1000	1000	1000	1000	1000	1000
		85	1000	1000	1000	1000	1000	1000	610	610	610
		55	950	950	950	710	710	710	610	610	610
		0	950	950	950	605	605	605	445	445	445
	0	0	950	950	780	605	605	525	445	445	390
4.86m Boom	85	90	1000	1000	1000	1000	1000	1000	1000	1000	1000
		85	1000	1000	1000	1000	1000	1000	610	610	610
		55	1000	1000	1000	710	710	710	610	610	610
		0	1000	1000	1000	605	605	605	445	445	445
	67	90	1000	1000	1000	1000	1000	1000	1000	1000	1000
		85	1000	1000	1000	1000	1000	1000	610	610	610
		55	1000	1000	1000	710	710	710	610	610	470
		0	1000	1000	1000	605	605	605	445	425	300
	45	90	1000	1000	1000	1000	1000	1000	1000	1000	1000
		85	1000	1000	1000	1000	1000	1000	610	610	610
		55	950	950	730	710	710	625	610	610	470
		0	950	800	510	605	560	390	445	425	300
	0	0	725	540	300	540	410	230	425	325	185
6.67m Boom	85	90	1000	1000	1000	1000	1000	1000	1000	1000	1000
		85	1000	1000	1000	1000	1000	1000	610	610	610
		55	1000	1000	1000	710	710	710	610	610	610
		0	1000	1000	1000	605	605	605	445	445	445
	67	90	1000	1000	1000	1000	1000	1000	1000	1000	1000
		85	1000	1000	1000	1000	1000	1000	610	610	610
		55	1000	1000	1000	710	710	710	610	610	610
		0	1000	1000	700	605	605	480	445	445	370
	50	90	1000	1000	740	1000	1000	740	1000	1000	740
		85	1000	975	680	1000	935	655	610	610	610
		55	980	670	480	710	550	395	610	460	330
		0	800	555	375	590	410	280	610	320	205
	35	90	900	505	320	900	595	320	900	595	320
		85	850	560	310	820	540	320	610	525	320
		55	630	420	245	530	355	210	455	305	175
		0	510	355	185	400	275	140	325	220	15
	0	0	380	260	105	300	210	80	250	170	55
8.48m Boom	85	90	1000	1000	1000	1000	1000	1000	1000	1000	1000
		85	1000	1000	1000	1000	1000	1000	610	610	610
		55	1000	1000	1000	710	710	710	610	610	610
		0	1000	1000	1000	605	605	605	445	445	445
	67	90	1000	1000	1000	1000	1000	1000	1000	1000	1000
		85	1000	1000	1000	1000	1000	1000	610	610	610
		55	1000	1000	750	710	710	595	610	610	490
		0	1000	825	570	605	580	380	445	445	300
	55	90	1000	810	535	1000	810	535	1000	810	536
		85	1000	720	495	1000	690	480	610	610	465
		55	770	520	355	640	435	290	545	375	240
		0	630	435	260	480	335	205	385	265	160
	40	90	570	365	205	570	365	205	570	365	205
		85	540	350	185	530	340	180	520	330	180
		55	415	370	130	360	235	115	430	205	90
		0	335	230	90	270	180	70	225	150	/
	0	0	195	100	/	160	90	/	130	70	/
10.22m Boom	85	90	1000	1000	1000	1000	1000	1000	1000	1000	1000
		85	1000	1000	1000	680	680	680	610	610	610
		55	1000	1000	1000	680	680	680	610	610	610
		0	1000	1000	1000	605	605	605	445	445	445
	67	90	1000	1000	845	1000	1000	845	1000	1000	845
		85	1000	1000	775	680	680	680	610	610	610
		55	1000	745	535	680	605	435	610	505	365
		0	850	610	350	590	450	290	445	350	225
	55	90	660	470	300	660	470	300	660	470	300
		85	630	445	290	610	430	280	590	420	370
		55	515	340	205	445	295	180	390	255	145
		0	440	290	135	335	230	80	285	185	/
	45	90	300	190	/	300	190	/	300	190	/
		85	285	180	/	280	175	/	275	165	/
		55	230	140	/	205	120	/	180	105	/
		0	220	120	/	155	95	/	150	75	/
	0	0	75	/	/	60	/	/	45	/	/

Product specifications are subject to change without notice or obligation.
The photographs and/or drawings in this document are for illustrative purposes only.



Automatic, stepless variable outriggers allow fast and safe set up in constrained spaces.



Fully proportional wireless radio remote control helps an operator position themselves optimally for sight of the load.



Extra up-and-over lifting capability - can be used lifting onto roofs or mezzanine floors where previously a mobile crane might be needed.

Rated Loads (4 Falls with Main Boom)

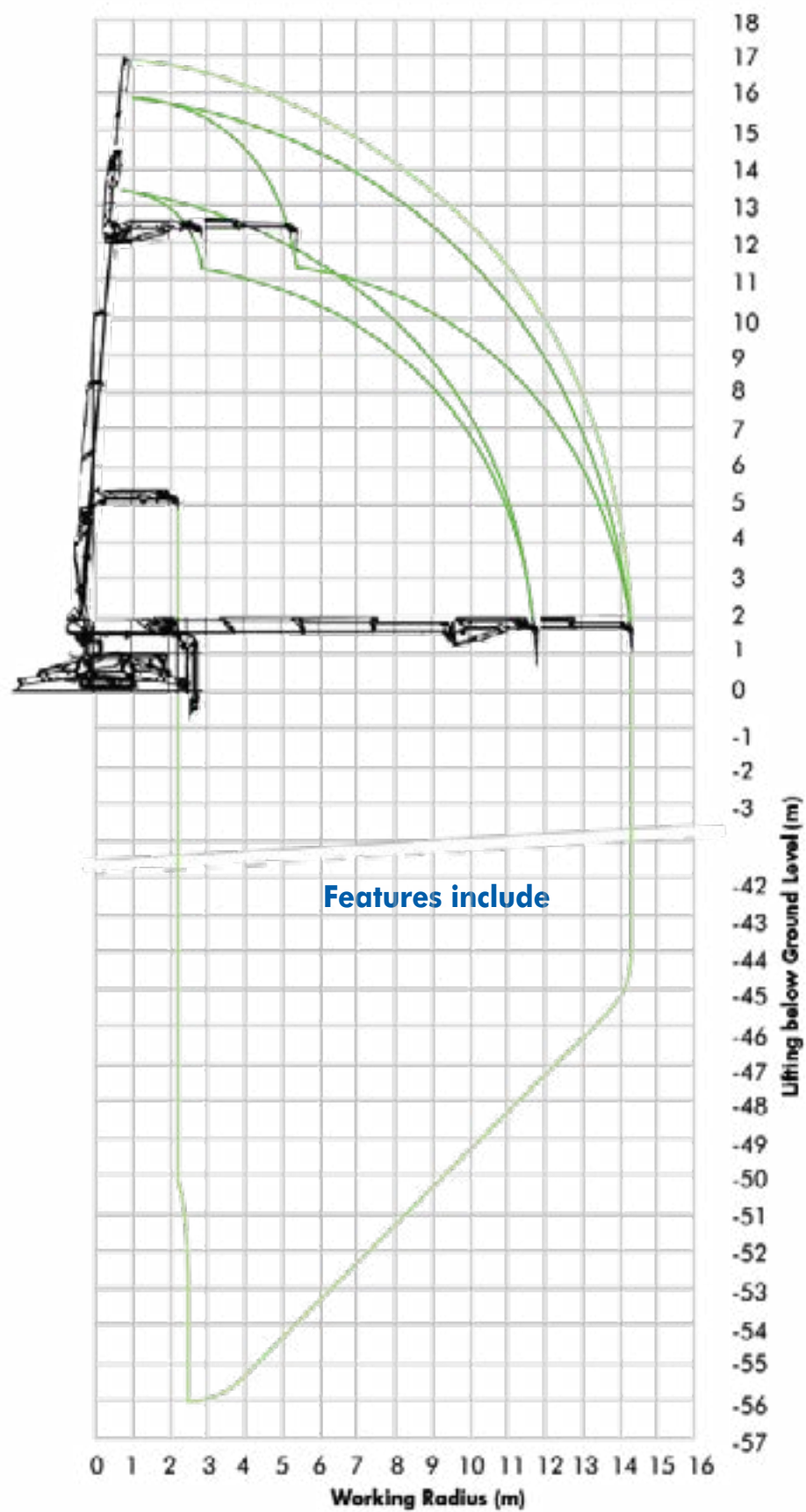
Working Radius (m)	2.27m Jib OR Extended Position			3.54m Jib OR Extended Position			4.81m Jib OR Extended Position			2.27m Jib OR Extended Position			3.54m Jib OR Extended Position		
	Max	Mid	Min	Max	Mid	Min	Max	Mid	Min	Max	Mid	Min	Max	Mid	Min
1	2980	2980	2980	2570	2570	2570	2380	2380	2380	2000	2000	2000	1450	1450	1450
1.5	2980	2980	2980	2570	2570	2570	2380	2380	2380	2000	2000	2000	1450	1450	1450
1.8	2980	2980	2980	2570	2570	2570	2380	2380	2380	2000	2000	2000	1450	1450	1450
2	2865	2865	2865	2570	2570	2570	2380	2380	2380	2000	2000	2000	1450	1450	1450
2.19	2715	2715	2715	2570	2570	2570	2380	2380	2165	2000	2000	2000	1450	1450	1450
2.5				2405	2330	1905	2205	2140	1875	2000	2000	1670	1450	1450	1450
3				2030	2000	1515	1940	1805	1510	1755	1645	1295	1450	1450	1125
3.5				1735	1720	1265	1705	1525	1225	1545	1380	1045	1450	1210	910
4				1500	1490	1085	1490	1290	1005	1360	1165	860	1255	1025	750
4.5							1300	1085	820	1200	990	720	1100	880	630
5							1130	905	670	1060	850	610	965	760	535
5.5							975	750	545	930	725	525	850	660	460
5.81							885	665	480	860	660	475	790	605	420
6										815	625	450	755	575	395
6.5										710	535	390	670	500	345
7										620	455	335	595	440	300
7.5										530	390	290	525	385	260
7.62										510	375	285	510	370	250
8													470	335	230
8.5							415	290	200						
9							365	255	170						
9.3										340	230	160			
9.43										330	225	155			



Est. 1983
Celebrating **40 Years**

www.hird.co.uk

Max. Reach Below Ground Level



Rated Loads (Fixed Hook)

 **100% Electric**

Boom	Boom Angle (°)	Jib Angle (°)	2.27m Jib OR Extended Position			3.54m Jib OR Extended Position			4.81m Jib OR Extended Position		
			OR Extended Position			OR Extended Position			OR Extended Position		
			Max	Mid	Min	Max	Mid	Min	Max	Mid	Min
3.05m Boom	85	90	950	950	950	950	950	950	950	950	950
		85	950	950	950	950	950	950	610	610	610
		55	950	950	950	710	710	710	610	610	610
		0	950	950	950	605	605	605	445	445	445
	45	90	950	950	950	950	950	950	950	950	950
		85	950	950	950	950	950	950	610	610	610
		55	950	950	950	710	710	710	610	610	610
		0	950	950	950	605	605	605	445	445	445
	0	0	950	950	780	605	605	525	445	445	390
4.86m Boom	85	90	950	950	950	950	950	950	950	950	950
		85	950	950	950	950	950	950	610	610	610
		55	950	950	950	710	710	710	610	610	610
		0	950	950	950	605	605	605	445	445	445
	65	90	950	950	950	950	950	950	950	950	950
		85	950	950	950	950	950	950	610	610	610
		55	950	950	950	710	710	710	610	610	610
		0	950	950	950	605	605	605	445	445	445
	45	90	950	950	950	950	950	950	950	950	950
		85	950	950	950	950	950	950	610	610	610
		55	950	950	950	710	710	625	610	610	470
		0	950	800	510	605	560	390	445	425	300
	0	0	725	540	300	540	410	230	425	325	185
6.67m Boom	85	90	950	950	950	950	950	950	950	950	950
		85	950	950	950	950	950	950	610	610	610
		55	950	950	950	710	710	710	610	610	610
		0	950	950	950	605	605	605	445	445	445
	67	90	950	950	950	950	950	950	950	950	950
		85	950	950	950	950	950	950	610	610	610
		55	950	950	950	710	710	710	610	610	610
		0	950	950	700	605	605	480	445	445	370
	50	90	950	950	740	950	950	740	950	950	740
		85	950	975	680	950	935	655	610	610	610
		55	950	670	480	710	550	395	610	460	330
		0	800	555	375	590	410	280	445	320	205
	35	90	900	595	320	900	595	320	900	595	320
		85	850	560	310	820	540	320	610	525	320
		55	630	420	245	530	355	210	455	305	175
		0	510	355	185	400	275	140	325	220	115
	0	0	380	260	105	300	210	80	250	170	55
8.48m Boom	85	90	950	950	950	950	950	950	950	950	950
		85	950	950	950	950	950	950	610	610	610
		55	950	950	950	710	710	710	610	610	610
		0	950	950	950	605	605	605	445	445	445
	67	90	950	950	950	950	950	950	950	950	950
		85	950	950	950	950	950	950	610	610	610
		55	950	950	750	710	710	595	610	610	490
		0	950	825	750	605	580	380	44	445	300
	55	90	950	810	535	950	810	525	950	810	535
		85	950	720	495	950	690	480	610	610	465
		55	770	520	355	640	435	290	545	375	240
		0	630	435	260	480	335	205	385	265	160
	40	90	570	365	205	570	365	205	570	265	160
		85	540	350	185	530	340	180	520	330	205
		55	415	270	130	360	235	115	320	205	180
		0	335	230	90	270	180	70	225	150	90
	0	0	195	100	/	160	90	/	130	70	/
10.29m Boom	85	90	950	950	950	950	950	950	950	950	950
		85	950	950	950	680	680	680	610	610	610
		55	950	950	950	680	680	680	510	610	610
		0	950	950	950	605	605	605	445	445	445
	67	90	950	950	845	950	950	845	950	950	845
		85	950	950	775	680	680	680	610	610	610
		55	950	950	535	680	605	435	610	505	265
		0	850	745	350	590	450	290	445	350	225
	55	90	660	610	300	660	470	300	660	470	300
		85	630	470	290	610	430	280	590	420	270
		55	515	340	205	445	295	180	390	255	145
		0	440	290	135	335	230	80	285	185	/
	45	90	300	190	/	400	190	/	300	190	/
		85	285	180	/	380	175	/	275	165	/
		55	230	140	/	205	120	/	180	105	/
		0	220	120	/	155	95	/	150	75	/
	0	0	75	/	/	60	/	/	45	/	/

Product specifications are subject to change without notice or obligation.
The photographs and/or drawings in this document are for illustrative purposes only.



Est. 1983
Celebrating **40 Years**

www.hird.co.uk

Up to 2.98 tons of lifting power from a machine only 1,280mm wide.

The MC305-2 is extremely powerful for its small stature.



The Wirth Oktopus Glazing Manipulator is the perfect companion to the Maeda Mini Crane



2.98t x 2.5m

Technical Specification

Max. lifting capacity	2.98t x 2.5m
Lifting height	12.52m x 790kg
Max. working radius	12.16m x 260kg
Boom length	3.695m - 12.485m
Power source	Diesel or Electric
Weight	Diesel - MC305 CRM 3,900kg Electric - MC305 CRME 4,040kg

Features include

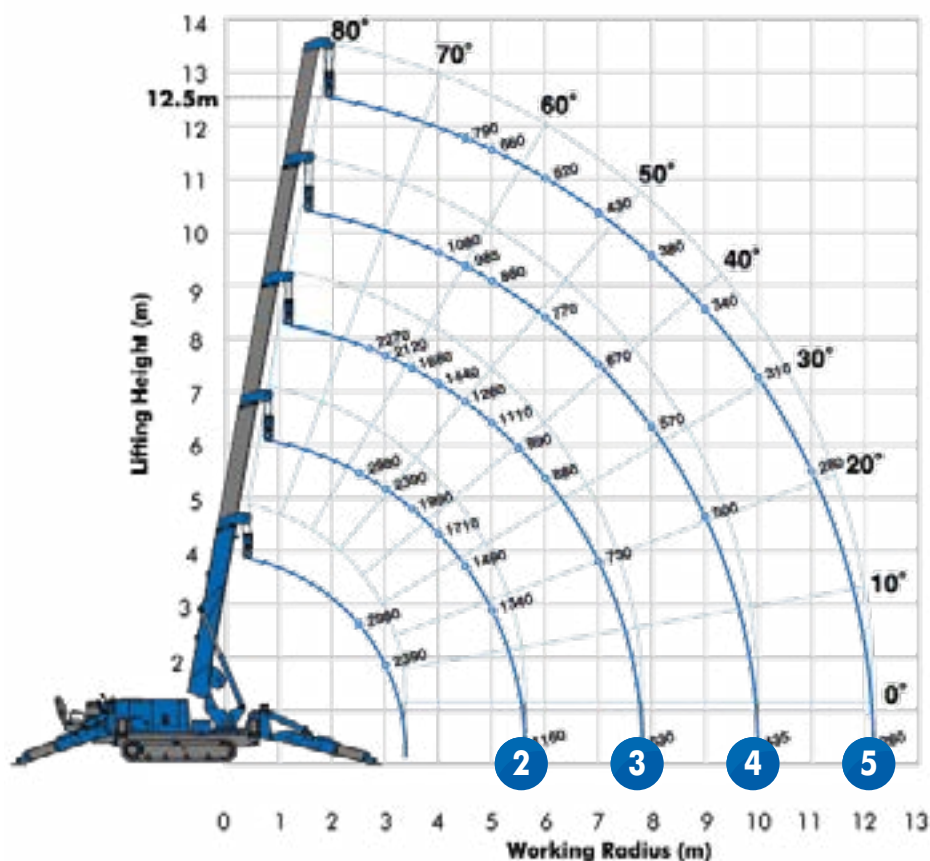
- Sheaves protected inside boom
- Rubber tracks
- Powerful two speed winch
- Remote control
- Outrigger interlock system



CPCS - A66 Compact Crane A



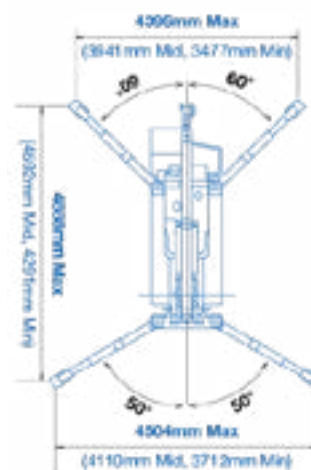
Working Envelope



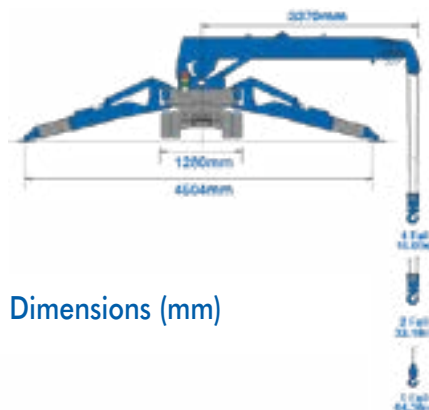
Searcher Hook



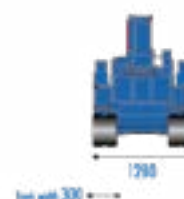
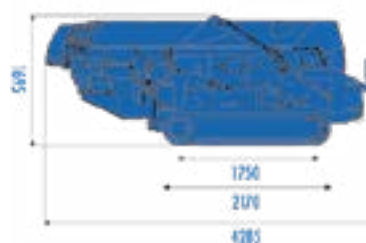
Outrigger Positions



Max. Reach Below Ground Level



Dimensions (mm)



Rated Loads

2

Second stage extended 3.70 - 5.945m boom length

Working radius		m up to	<2.5	3.0	3.5	4.0	4.5	5.0	5.62
Outrigger	Max-extended	kg	2,980	2,390	1,990	1,710	1,490	1,340	1,160
	Mid-extended	kg	2,980	2,360	1,960	1,680	1,380	1,140	950
	Min-extended	kg	2,980	2,350	1,800	1,430	1,140	950	790

3

Third stage extended 5.945 - 8.145m boom length

Working radius	m up to	2.7	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0	7.82	
Outrigger	Max-extended	kg	2,270	2,120	1,680	1,440	1,260	1,100	990	880	730	630
	Mid-extended	kg	2,270	2,090	1,680	1,420	1,240	1,070	950	800	610	520
	Min-extended	kg	2,270	2,090	1,680	1,370	1,120	910	790	670	510	430

4

Fourth stage extended 8.145 - 10.315m boom length

Working radius	m up to	4.0	4.5	5.0	6.0	7.0	8.0	9.0	9.99	
Outrigger	Max-extended	kg	1,080	985	880	770	670	570	500	435
	Mid-extended	kg	1,060	950	860	750	630	490	410	350
	Min-extended	kg	1,060	950	860	680	530	420	340	300

5

Fifth stage extended 10.315 - 12.485m boom length

Working radius	m up to	<4.5	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.16	
Outrigger	Max-extended	kg	790	660	520	430	380	340	310	280	260
	Mid-extended	kg	780	650	500	410	360	320	290	260	250
	Min-extended	kg	780	650	500	410	360	320	290	240	210

Product specifications are subject to change without notice or obligation.
The photographs and/or drawings in this document are for illustrative purposes only.



Est. 1983
Celebrating **40 Years**

www.hird.co.uk

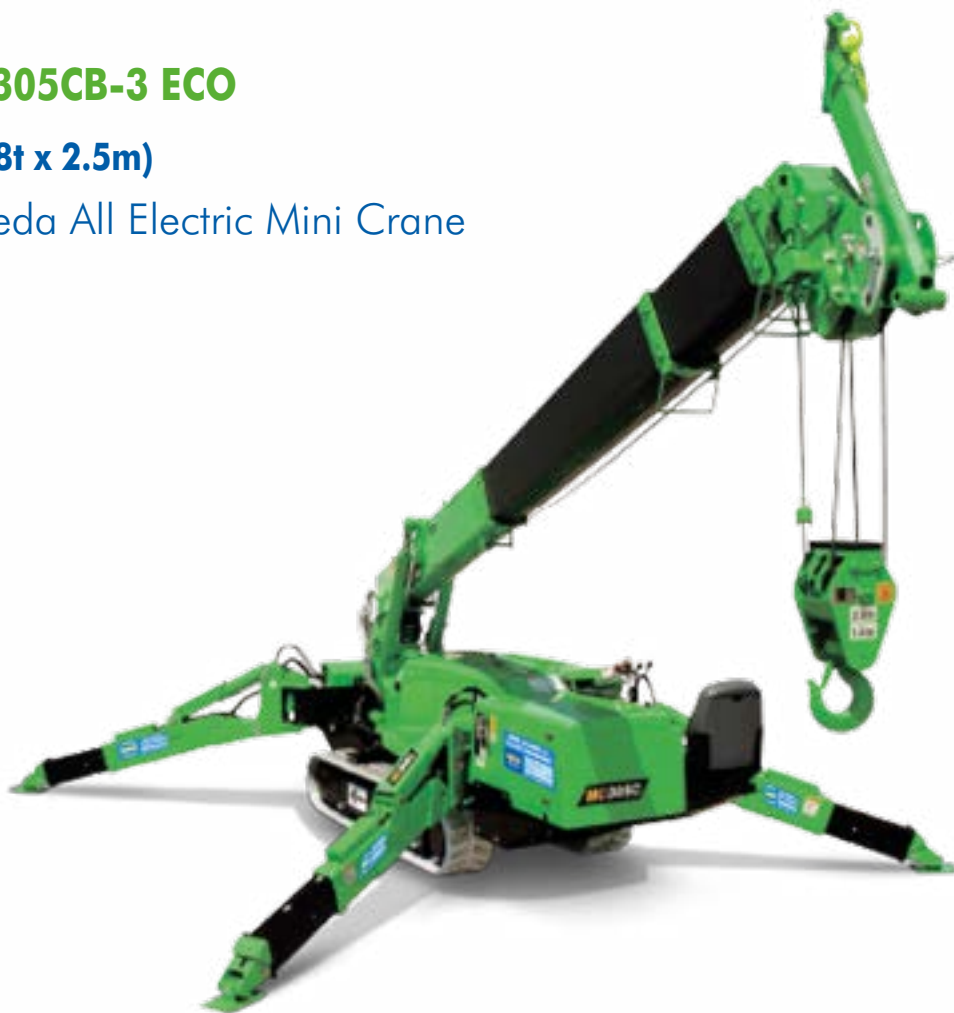
MC305CB-3 ECO

(2.98t x 2.5m)

Maeda All Electric Mini Crane

The Maeda MC305CB-3 ECO is an all-new lithium battery electric mini crane.

Zero emissions, digital controls, and ideal for indoor and outdoor lifting up to 2.98t.



 **100% Electric**

2.98t x 2.5m

Technical Specification

Max. lifting capacity	2.98t x 2.5m
Lifting height	12.52m x 790kg
Max. working radius	12.16m x 260kg
Boom length	3.695m - 12.485m
Power source	Battery 110v on-board charger
Weight	3,925kg

Features include

- 7" LMI display
- Variable outriggers
- Rubber tracks
- Remote control
- Low ground pressure
- Optional 850kg /1,500kg searcher hooks



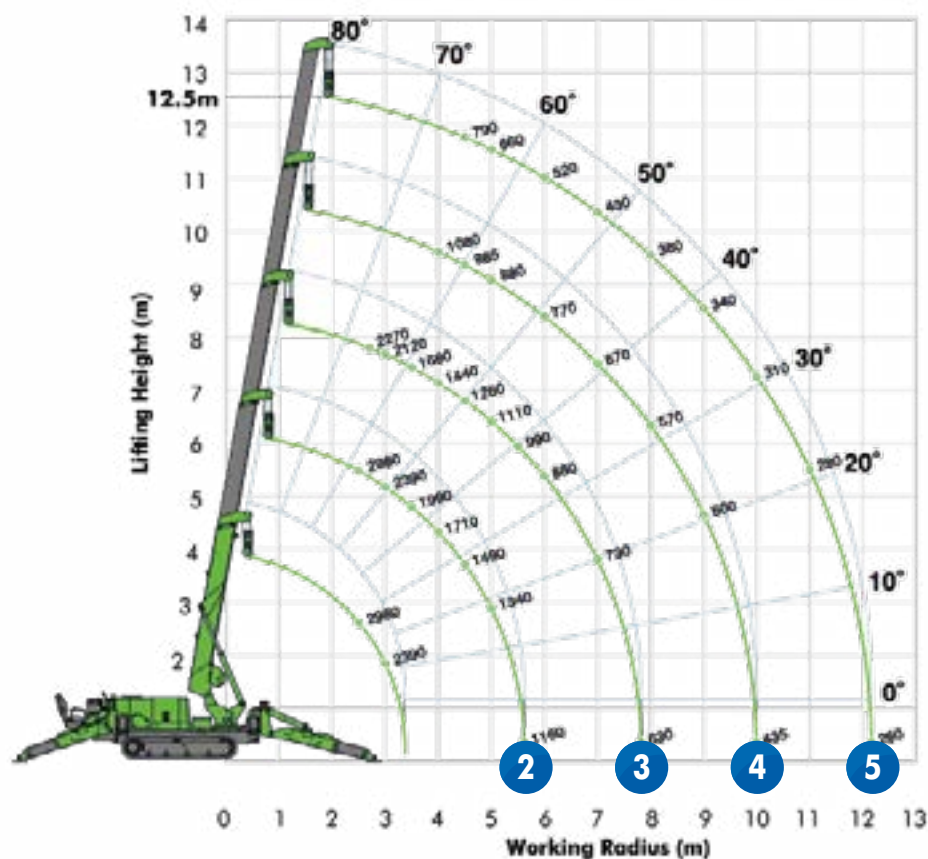
100% Electric battery power



CPCS - A66 Compact Crane A



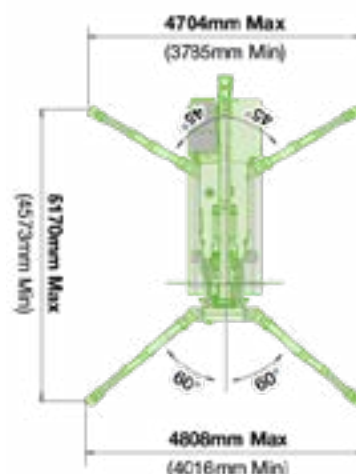
Working Envelope



Searcher Hook



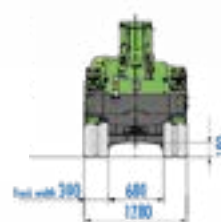
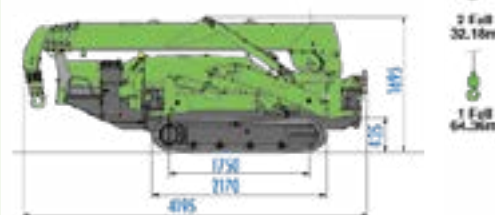
Outrigger Positions



Max. Reach
Below Ground Level



Dimensions (mm)



100% Electric

Rated Loads

2 Second stage extended 3.70 - 5.945m boom length

Working radius	m up to	<2.5	3.0	3.5	4.0	4.5	5.0	5.62	
Outrigger	Max-extended	kg	2,980	2,390	1,990	1,710	1,490	1,340	1,160
	Mid-extended	kg	2,980	2,360	1,960	1,680	1,380	1,140	950
	Min-extended	kg	2,980	2,350	1,800	1,430	1,140	950	790

3 Third stage extended 5.945 - 8.145m boom length

Working radius	m up to	2.7	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0	7.82	
Outrigger	Max-extended	kg	2,270	2,120	1,680	1,440	1,260	1,100	990	880	730	630
	Mid-extended	kg	2,270	2,090	1,680	1,420	1,240	1,070	950	800	610	520
	Min-extended	kg	2,270	2,090	1,680	1,370	1,120	910	790	670	510	430

4 Fourth stage extended 8.145 - 10.315m boom length

Working radius	m up to	4.0	4.5	5.0	6.0	7.0	8.0	9.0	9.99	
Outrigger	Max-extended	kg	1,080	985	880	770	670	570	500	435
	Mid-extended	kg	1,060	950	860	750	630	490	410	350
	Min-extended	kg	1,060	950	860	680	530	420	340	300

5 Fifth stage extended 10.315 - 12.485m boom length

Working radius	m up to	<4.5	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.16	
Outrigger	Max-extended	kg	790	660	520	430	380	340	310	280	260
	Mid-extended	kg	780	650	500	410	360	320	290	260	250
	Min-extended	kg	780	650	500	410	360	320	290	240	210

Product specifications are subject to change without notice or obligation.
The photographs and/or drawings in this document are for illustrative purposes only.



Est. 1983
Celebrating **40 Years**

www.hird.co.uk

The Maeda MC405 is a powerful mini crane with 3.83t lift capacity and a fly jib to extend working radius up to a maximum of 16m.

This mini crane has a useful 500kg pick and carry duty.



The Wirth Oktopus Glazing Manipulator is the perfect companion to the Maeda Mini Crane



3.83t x 2.7m

Technical Specification

Max. lifting capacity	3.83t x 2.7m
Lifting height	16.8m x 1,130kg
Max. working radius	16.0m x 210kg
Boom length	4.735m - 16.475m
Power source	Diesel or Electric
Weight	Diesel - MC405 CRM 5,600kg Electric - MC405 CRME 5,750kg

Features include

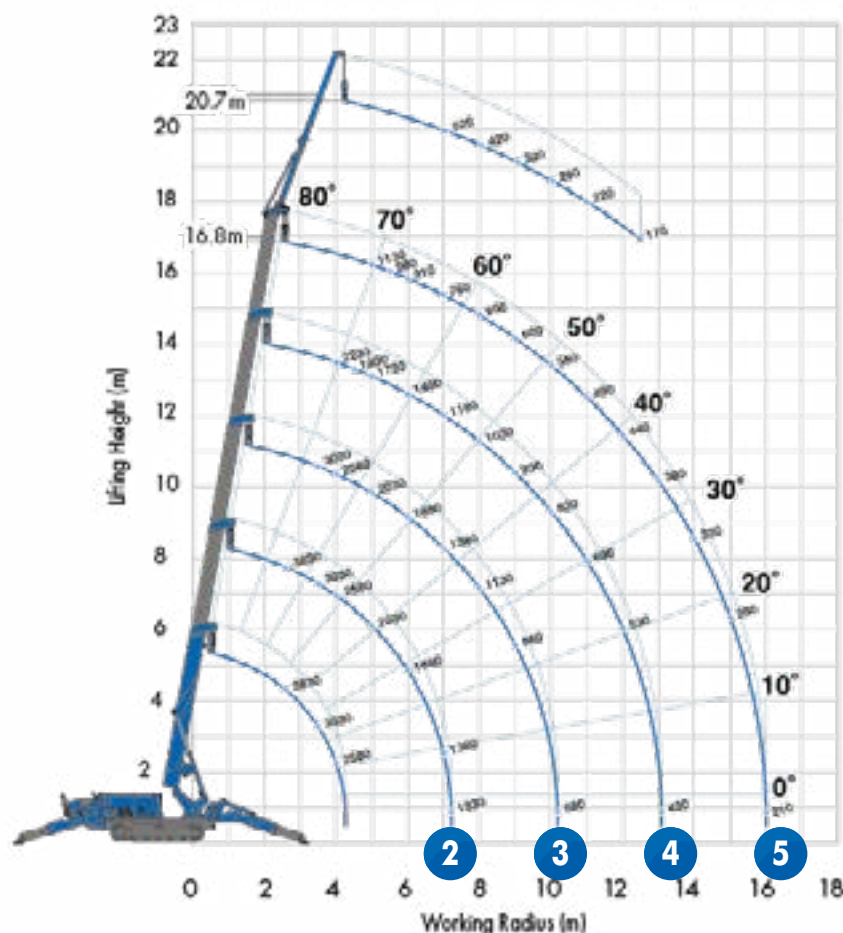
- 500kg pick & carry duty
- Rubber tracks
- Remote control
- Outrigger interlock system
- 850kg/500kg searcher hook



CPCS - A66 Compact Crane A



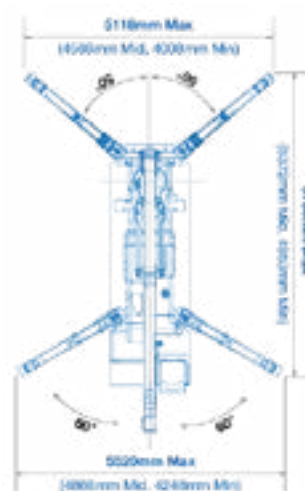
Working Envelope



Searcher Hook



Outrigger Positions



Max. Reach
Below Ground Level

Rated Loads

2 Second stage extended 4.735 - 7.695m boom length

Working radius	m up to	<2.0	3.5	4.0	5.0	6.0	7.0	7.25
Outrigger	Max-extended kg	3,830	3,030	3,580	2,030	1,680	1,380	1,330
	Mid-extended kg	3,830	3,030	3,580	1,880	1,430	1,160	1,120
	Min-extended kg	3,830	3,030	2,580	1,680	1,180	930	780

3 Third stage extended 7.695 - 10.665m boom length

Working radius	m up to	3.5	4.0	5.0	6.0	7.0	8.0	9.0	10.2
Outrigger	Max-extended kg	3,030	2,580	2,030	1,680	1,380	1,130	880	550
	Mid-extended kg	3,030	2,580	1,880	1,430	1,130	880	740	490
	Min-extended kg	3,030	2,580	1,680	1,180	880	730	580	400

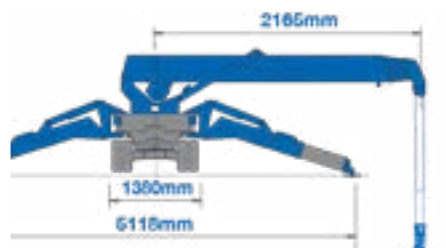
4 Fourth stage extended 10.665 - 13.565m boom length

Working radius	m up to	4.0	4.5	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.1
Outrigger	Max-extended kg	2,230	1,930	1,730	1,400	1,180	1,030	930	830	690	530	430
	Mid-extended kg	2,230	1,830	1,630	1,330	1,080	880	730	530	480	430	330
	Min-extended kg	2,230	1,830	1,630	1,180	830	680	550	430	380	350	310

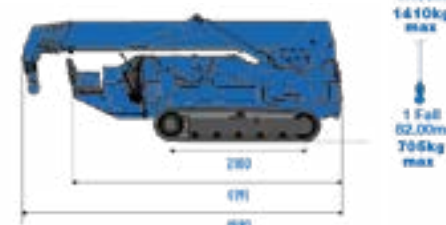
5 Fifth stage extended 13.565 - 16.475m boom length

Working radius	m up to	5	5.5	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0
Outrigger	Max-extended kg	1,130	980	910	760	650	600	550	490	440	380	320	260	210
	Mid-extended kg	1,130	980	910	730	630	550	480	430	380	330	280	220	180
	Min-extended kg	1,130	980	880	730	530	450	420	370	330	280	240	190	150

Product specifications are subject to change without notice or obligation.
The photographs and/or drawings in this document are for illustrative purposes only.



Dimensions (mm)





Est. 1983
Celebrating **40 Years**

www.hird.co.uk

MC815

(8.0t x 2.4m)

Maeda Mini Crane



The Maeda MC815 is the largest Maeda mini crane with a huge 8 tonne lift capacity.

Offering pick and carry capacities of up to 1000kg and packed with the latest technology for safe and efficient lifting.

8.0t x 2.4m

Technical Specification

Max. lifting capacity	8.0t x 2.4m
Lifting height	19.6m x 2,390kg
Max. working radius	18.8m x 340kg
Boom length	3.695 - 12.485m
Power source	Diesel or Electric
Weight	Diesel - MC815 C 9,460kg Electric - MC815 CRME 9,700kg

Features include

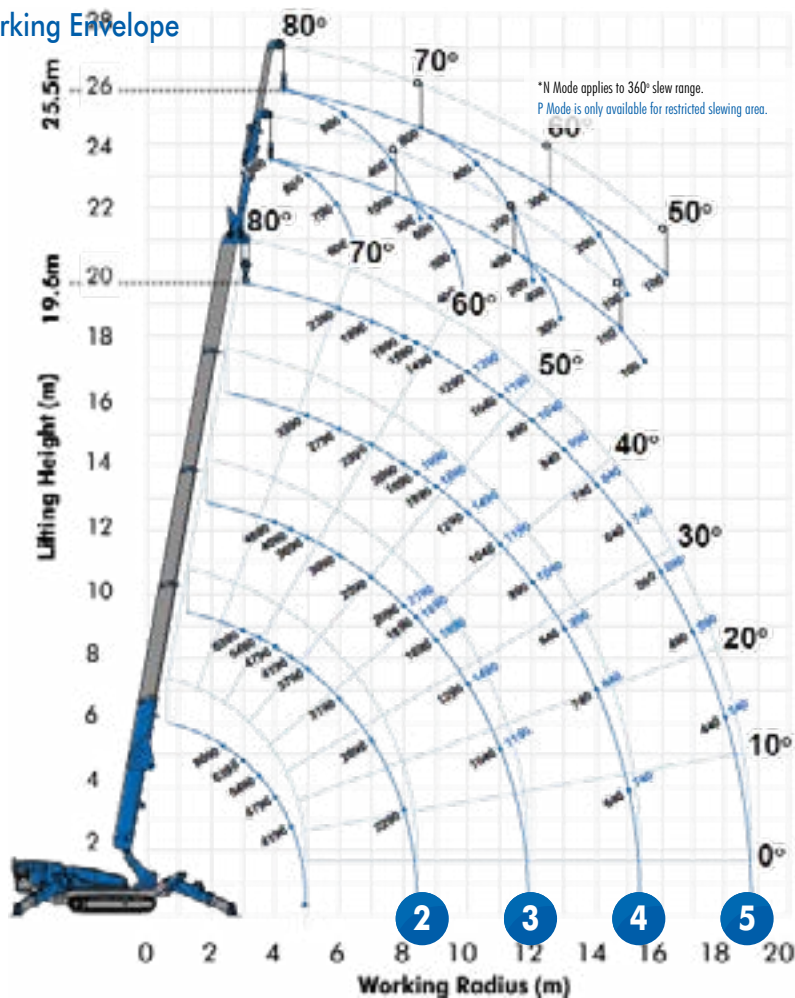
- Multi-function touchscreen monitor
- 1t pick & carry duty
- Auto levelling / auto stow via remote
- Environmentally friendly EU compliant engine
- Optional 1.5t SWL hydraulic fly jib



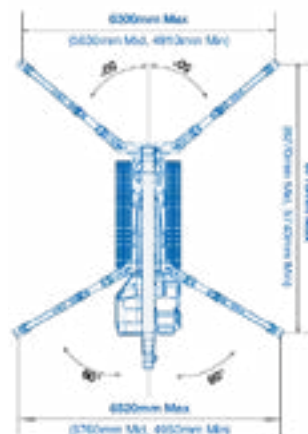
CPCS - A66 Compact Crane A



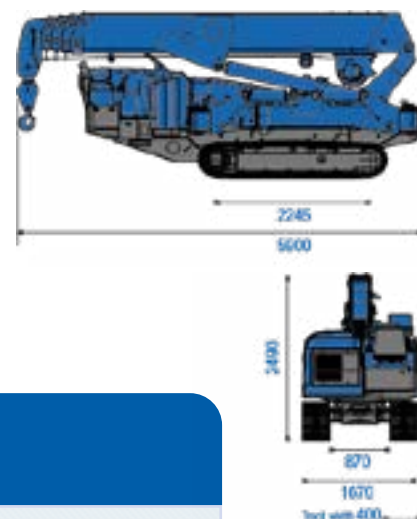
Working Envelope



Outrigger Positions



Dimensions (mm)



Rated Loads

2

Second stage extended 4.92 - 8.39m boom length

Working radius	m up to	2.4	2.5	3.0	3.5	4.0	4.5	4.92	5.0	6.0	7.0	8.0	8.39
Outrigger	N mode*	kg	6,390	6,390	6,390	5,490	4,790	4,190	3,790	3,190	2,690	2,290	2,090
Max-extended	P mode*	kg	6,390	6,390	6,390	5,490	4,790	4,190	3,790	3,190	2,690	2,290	2,090

3

Third stage extended 8.39 - 11.86m boom length

Working radius	m up to	2.4	2.5	3.0	3.5	4.0	4.5	4.92	5.0	6.0	7.0	8.0	8.39	9.0	10.0	11.0	11.86
Outrigger	N mode*	kg	4,690	4,690	4,690	4,690	4,690	4,090	3,690	3,090	2,590	2,090	1,890	1,690	1,290	1,040	890
Max-extended	P mode*	kg	4,690	4,690	4,690	4,690	4,690	4,090	3,690	3,090	2,590	2,190	1,990	1,890	1,490	1,190	1,040

4

Fourth stage extended 11.86 - 15.33m boom length

Working radius	m up to	2.5	3.0	3.5	4.0	4.5	4.92	5.0	6.0	7.0	8.0	8.39	9.0
Outrigger	N mode*	kg	3,390	3,390	3,390	3,390	3,390	3,390	2,790	2,390	2,090	1,890	1,690
Max-extended	P mode*	kg	3,390	3,390	3,390	3,390	3,390	3,390	2,790	2,390	2,090	1,990	1,890

Working radius		m up to	10.0	11.0	11.86	12.0	13.0	14.0	15.0	15.33
Outrigger	N mode*	kg	1,290	1,040	890	890	840	740	640	590
Max-extended	P mode*	kg	1,490	1,190	1,040	1,040	990	840	740	690

5

Third stage extended 15.33 - 18.8m boom length

Final stage extends 100% from boom length													
Working radius		m up to	3.5	4.0	4.5	4.92	5.0	6.0	7.0	8.0	8.39	9.0	10.0
Outrigger	N mode*	kg	2,390	2,390	2,390	2,390	2,390	2,390	1,990	1,690	1,590	1,490	1,290
Max-extended	P mode*	kg	2,390	2,390	2,390	2,390	2,390	2,390	1,990	1,690	1,590	1,490	1,390
Working radius		m up to	11.0	11.86	12.0	13.0	14.0	15.0	15.33	16.0	17.0	18.0	18.8
Outrigger	N mode*	kg	1,040	890	890	840	740	640	590	590	490	440	340
Max-extended	P mode*	kg	1,190	1,040	1,040	990	840	740	690	690	590	540	440

Product specifications are subject to change without notice or obligation.
The photographs and/or drawings in this document are for illustrative purposes only.

Max. Reach
Below Ground
Level





Est. 1983
Celebrating **40 Years**

www.hird.co.uk

CC985S-1

(4.9t x 2.1m)

Maeda Crawler Crane

Flexible and productive, the CC985 crawler crane delivers excellent lifting performance across rough terrain without the need for outriggers.

With a 16.5m working height, 7" multi function monitor and a massive 2,000kg pick and carry capacity, this crane offers safe and comfortable operations coupled with great lifting duties.



4.9t x 2.1m

Technical Specification

Max. lifting capacity	4.9t x 2.1m
Lifting height	16.5m x 1,400kg with Fly-Jib 20.2m x 430kg
Max. working radius	14.67m x 200kg
Boom length	4.78m - 15.78m
Power source	Diesel
Weight	9,450kg with Fly-Jib 9,630kg

Features include

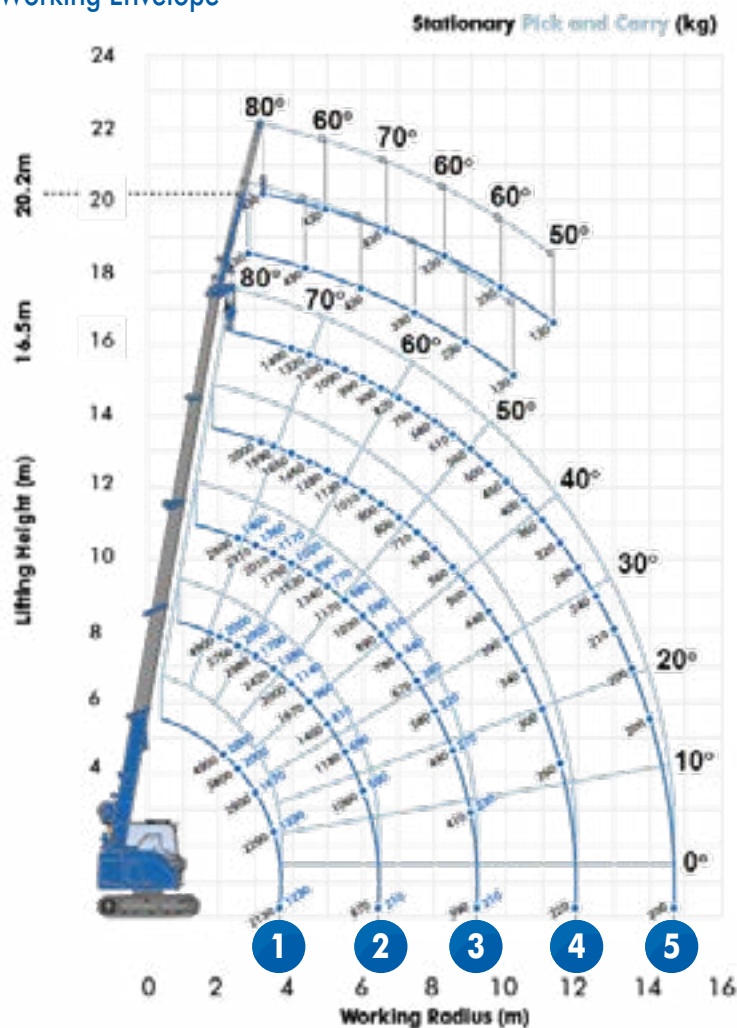
- Optional Fly Jib Attachment
- 2,000kg Pick & Carry Duty
- 7 inch Multi Monitor
- Rear View Camera
- Automatic Pentagonal 5-Section Boom



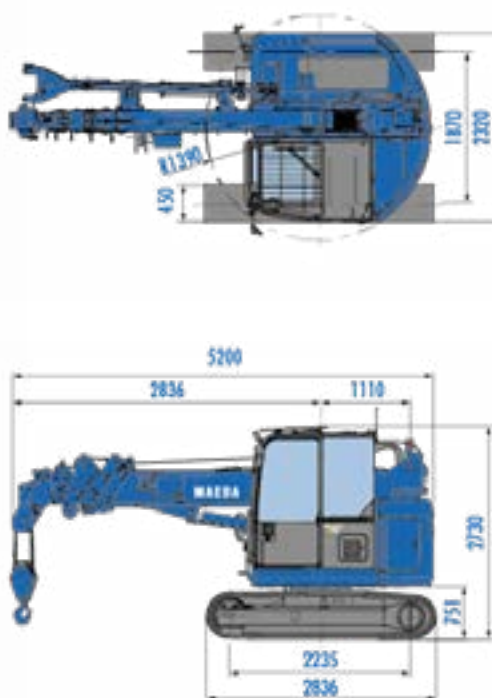
CPCS - A66D - 360 Pick & Carry



Working Envelope



Dimensions (mm)



Max. Reach
Below Ground
Level

Rated Loads

1

First stage extended 3.67 - 4.78m boom length

Working radius	m up to	2.0	2.1	2.5	2.7	3.0	3.15	3.5	3.67													
Stationary	kg	4,900	4,900	3,800	3,310	2,900	2,640	2,290	2,130													
Pick and Carry	kg	2,000	2,000	2,000	1,950	1,670	1,550	1,330	1,230													

2

Second stage extended 4.78 - 7.53m boom length

Working radius	m up to	2.0	2.1	2.5	2.7	3.0	3.15	3.5	3.67	4.0	4.5	5.0	5.5	6.0	6.42										
Stationary	kg	4,900	4,630	3,760	3,410	2,980	2,800	2,420	2,270	2,000	1,670	1,400	1,180	1,000	870										
Pick and Carry	kg	2,000	2,000	2,000	1,940	1,700	1,590	1,380	1,290	1,140	960	810	690	590	510										

3

Third stage extended 7.53 - 10.28m boom length

Working radius	m up to	2.0	2.1	2.5	2.7	3.0	3.15	3.5	3.67	4.0	4.5	5.0	5.5	6.0	6.42	6.5	7.0	7.5	8.0	8.5	9.0	9.17
Stationary	kg	2,600	2,600	2,600	2,520	2,310	2,220	2,010	1,920	1,750	1,530	1,340	1,170	1,030	910	890	780	670	580	490	410	390
Pick and Carry	kg	1,400	1,400	1,400	1,400	1,360	1,300	1,170	1,120	1,020	890	770	680	590	520	510	440	380	320	270	230	210

4

Fourth stage extended 10.28 - 13.03m boom length

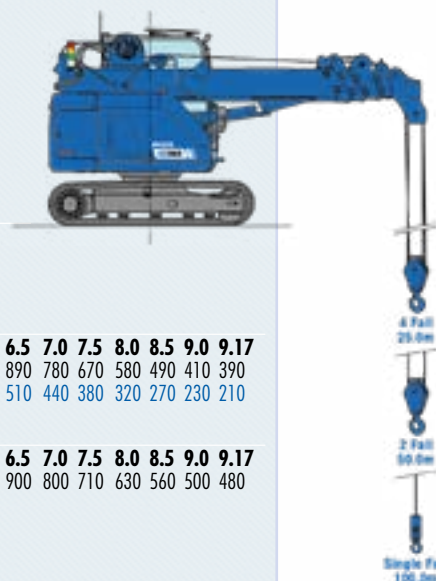
Working radius	m up to	2.0	2.1	2.5	2.7	3.0	3.15	3.5	3.67	4.0	4.5	5.0	5.5	6.0	6.42	6.5	7.0	7.5	8.0	8.5	9.0	9.17
Stationary	kg	2,000	2,000	2,000	2,000	2,000	2,000	1,890	1,880	1,650	1,450	1,280	1,130	1,010	910	900	800	710	630	560	500	480
Working radius	m up to	9.5	10.0	10.5	11.0	11.5	11.92															
Stationary	kg	440	390	340	300	260	220															

5

Fourth stage extended 13.03 - 15.78m boom length

Working radius	m up to	2.5	2.7	3.0	3.15	3.5	3.67	4.0	4.5	5.0	5.5	6.0	6.42	6.5	7.0	7.5	8.0	8.5	9.0	9.17
Stationary	kg	1,400	1,400	1,400	1,400	1,400	1,400	1,320	1,200	1,090	990	920	900	820	750	680	610	560	540	
Working radius	m up to	9.5	10.0	10.5	11.0	11.5	11.92	12.0	12.5	13.0	13.5	14.0	14.67							
Stationary	kg	500	450	400	360	320	280	280	240	210	200	200	200							

Product specifications are subject to change without notice or obligation.
The photographs and/or drawings in this document are for illustrative purposes only.





Est. 1983
Celebrating **40 Years**

www.hird.co.uk

URW-094

(0.995t x 1.5m)

UNIC Mini Crane

The URW094 is Hird's smallest & lightest mini crane.

Weighing only 1,000kg but with a lift capacity of up to 995kg it is perfect for confined spaces.



0.995t x 1.5m

Technical Specification

Max. lifting capacity	0.995t x 1.5m
Lifting height	5.60m
Max. working radius	5.17m
Boom length	1.73 - 5.49m
Power source	Petrol or LPG
Weight	1,000kg

Features include

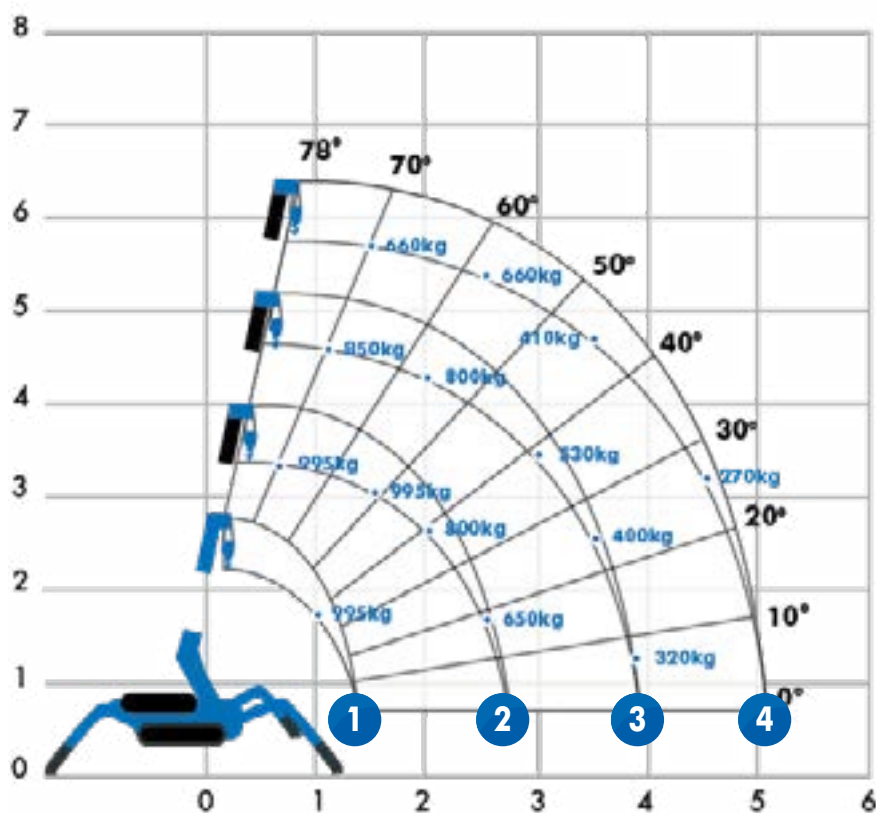
- Radio remote control operation
- Automatic hook stow
- Configurable outriggers
- Overwinding alarm
- Will pass through single doorway



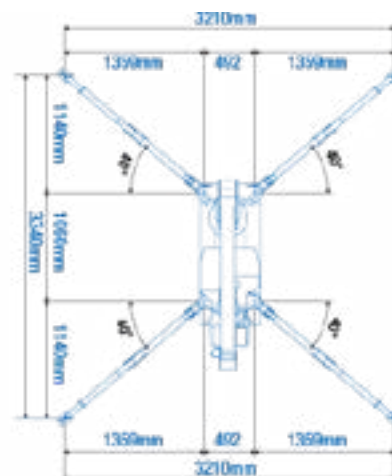
CPCS - A66 Compact Crane A



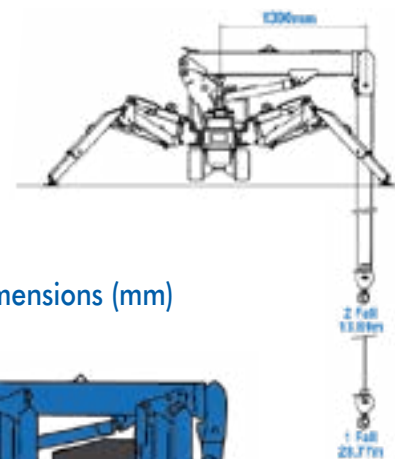
Working Envelope



Outrigger Positions



Max. Reach
Below Ground Level



Dimensions (mm)



Rated Loads

1 First stage extended 1.73m boom length

Working radius	m up to	1.0	1.1	1.2	1.3	1.41
Outrigger	Max-extended	kg	995	995	995	995
	Min-extended	kg	800	800	750	650

2 Second stage extended 1.73 - 3.01m boom length

Working radius		m up to	1.0	1.1	1.3	1.5	2.0	2.5	2.69
Outrigger	Max-extended	kg	995	995	995	995	800	650	580
	Min-extended	kg	800	800	700	600	410	285	230

3 Third stage extended 3.01 - 4.25m boom length

Working radius	m up to	1.0	1.8	2.0	2.5	2.8	3.0	3.5	3.93
Outrigger	Max-extended	kg	850	850	800	650	580	530	400
	Min-extended	kg	500	500	410	285	215	190	145

4 Fourth stage extended 4.25 - 5.49m boom length

Working radius		m up to	2.4	2.5	2.8	3.0	3.5	4.0	4.5	5.1	5.17
Outrigger	Max-extended	kg	660	660	580	530	410	330	270	210	200
	Min-extended	kg	350	360	320	220	190	145	105	80	65

* Rated loads for the URW-094 include 15kg 2-fall hook block.

Product specifications are subject to change without notice or obligation.
The photographs and/or drawings in this document are for illustrative purposes only.



Est. 1983
Celebrating **40 Years**

www.hird.co.uk

URW-095

(0.995t x 3.5m)

UNIC Mini Crane

The URW095 has the advantage of fitting through a standard doorway making it ideally suited for interior applications.

With a number of safety innovations and up to 995Kg lift capacity the URW095 is a great option.



0.995t x 3.5m

Technical Specification

Max. lifting capacity	0.995t x 3.5m
Lifting height	8.80m
Max. working radius	8.41m
Boom length	2.53 - 8.65m
Power source	Diesel, Petrol, LPG Dual or Electric Dual
Weight	1,850kg 1,950kg with electric option, 1,920kg with diesel option 2,090kg with diesel and electric dual option

Features include

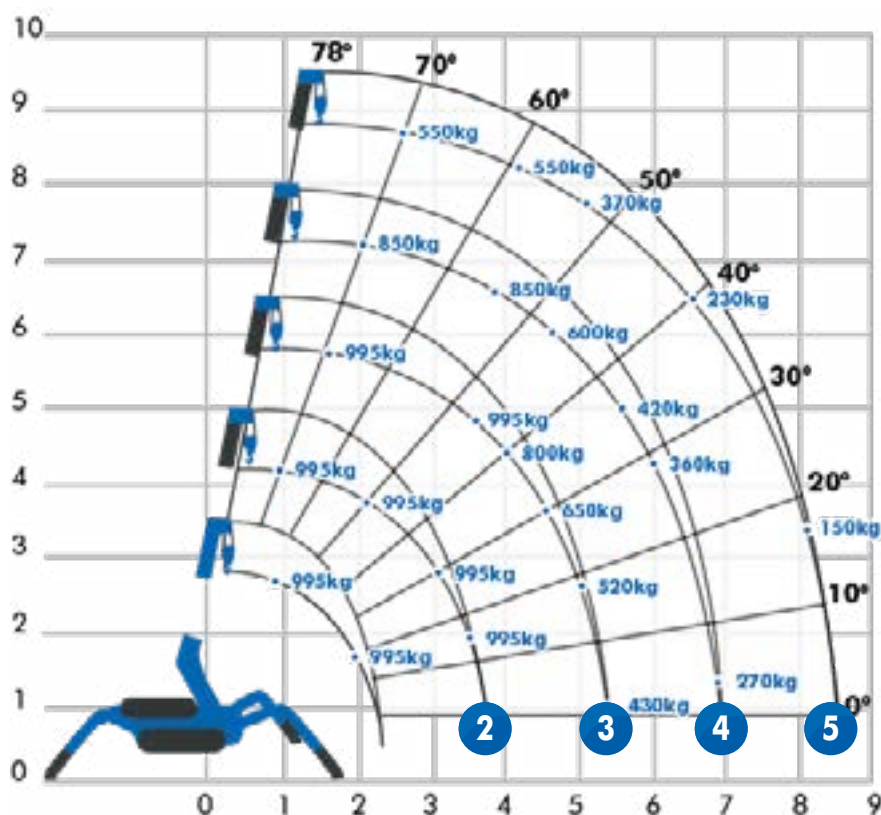
- Radio remote control operation
- Configurable outriggers
- Automatic hook stow
- Overwinding alarm
- Will pass through single doorway
- Optional searcher hook



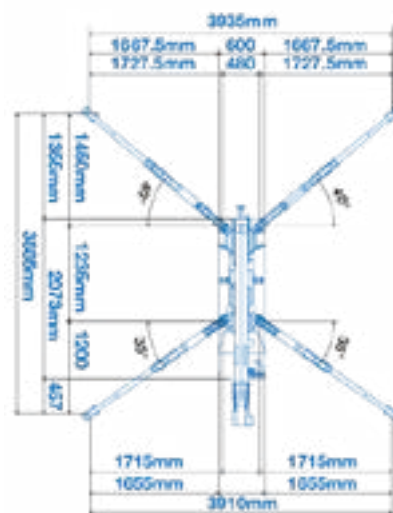
CPCS - A66 Compact Crane A



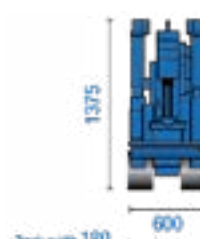
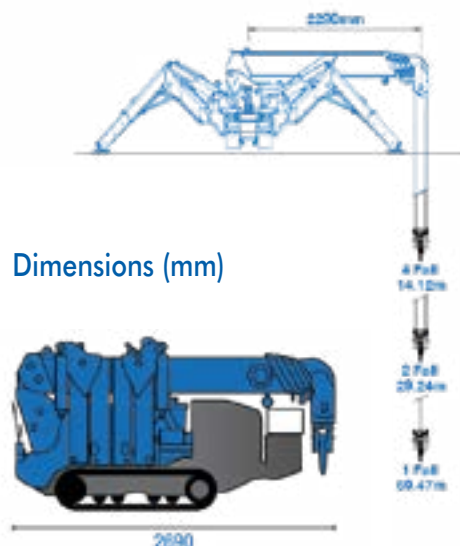
Working Envelope



Outrigger Positions



Max. Reach Below Ground Level



Rated Loads

2

Second stage extended 2.53 - 4.075m boom length

Working radius	m up to	1.0	1.4	1.5	1.8	2.0	2.5	3.0	3.5	3.835
Outrigger	Max-extended	kg	995	995	995	995	995	995	995	900
	Min-extended	kg	995	995	995	995	650	490	350	250

3

Third stage extended 4.075 - 5.61m boom length

Working radius	m up to	2.2	2.5	2.9	3.0	3.5	4.0	4.5	5.0	5.37
Outrigger	Max-extended	kg	995	995	995	995	995	800	650	520
	Min-extended	kg	800	650	530	500	380	280	220	160

4

Fourth stage extended 6.51 - 7.13m boom length

Working radius	m up to	3.3	3.8	4.0	4.5	5.0	5.5	6.0	6.5	6.89
Outrigger	Max-extended	kg	850	850	750	600	500	420	360	320
	Min-extended	kg	420	340	300	250	190	140	100	80

5

Fifth stage extended 7.13 - 8.65m boom length

Working radius	m up to	3.8	4.1	4.5	5.0	5.5	6.0	6.5	7.0	8.0	8.41
Outrigger	Max-extended	kg	550	550	450	370	310	270	230	200	150
	Min-extended	kg	350	290	250	200	160	130	100	70	40

Product specifications are subject to change without notice or obligation.
The photographs and/or drawings in this document are for illustrative purposes only.



Est. 1983
Celebrating **40 Years**

www.hird.co.uk

With remote control operation & safe load indicator, the URW295 mini crane will lift up to 2.9t and is ideal for confined and restricted areas.



2.9t x 1.4m

Technical Specification

Max. lifting capacity	2.9t x 1.4m
Lifting height	8.80m
Max. working radius	8.41m
Boom length	2.53 - 8.65m
Power source	Diesel, Petrol, LPG Dual or Electric Dual
Weight	1,850kg 1,950kg with electric option, 1,920kg with diesel option 2,090kg with diesel and electric dual option

Features include

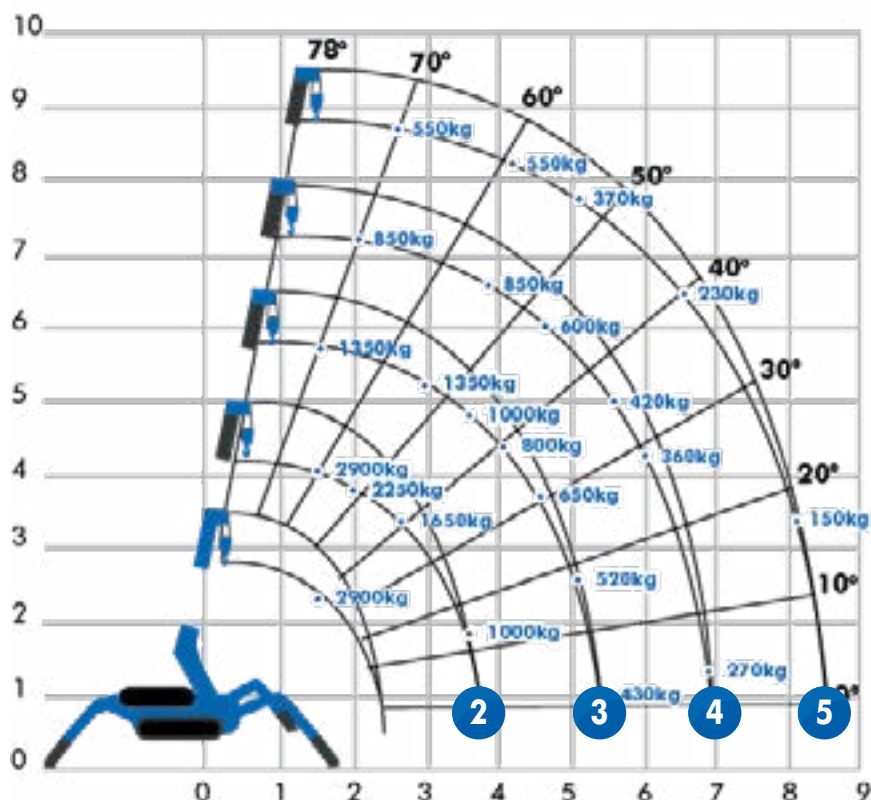
- Radio remote control operation
- Configurable outriggers
- Automatic hook stow
- Overwinding alarm
- Will pass through single doorway
- Optional searcher hook and fly jib



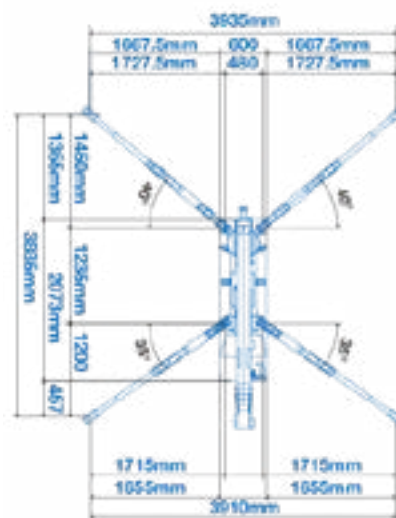
CPCS - A66 Compact Crane A



Working Envelope



Outrigger Positions



Max. Reach
Below Ground Level

Rated Loads

2

Second stage extended 2.53 - 4.075m boom length

Working radius	m up to	1.0	1.4	1.5	1.8	2.0	2.5	3.0	3.5	3.835
Outrigger	Max-extended	kg	2,900	2,900	2,650	2,250	2,050	1,650	1,300	1,000
	Min-extended	kg	2,000	2,000	2,000	1,450	1,100	650	490	350

3

Third stage extended 4.075 - 5.61m boom length

Working radius	m up to	2.2	2.5	2.9	3.0	3.5	4.0	4.5	5.0	5.37
Outrigger	Max-extended	kg	1,350	1,350	1,350	1,250	1,000	800	650	520
	Min-extended	kg	800	650	530	500	380	280	220	160

4

Fourth stage extended 5.61 - 7.13m boom length

Working radius	m up to	3.3	3.8	4.0	4.5	5.0	5.5	6.0	6.5	6.89
Outrigger	Max-extended	kg	850	850	750	600	500	420	360	320
	Min-extended	kg	420	340	300	250	190	140	100	80

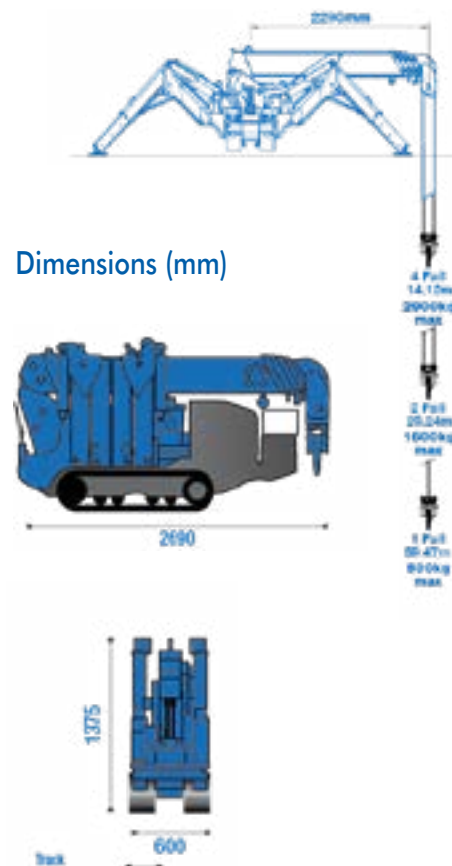
5

Fifth stage extended 7.13 - 8.65m boom length

Working radius	m up to	3.8	4.1	4.5	5.0	5.5	6.0	6.5	7.0	8.0	8.41
Outrigger	Max-extended	kg	550	550	450	370	310	270	230	200	150
	Min-extended	kg	350	290	250	200	160	130	100	70	40

Product specifications are subject to change without notice or obligation.
The photographs and/or drawings in this document are for illustrative purposes only.

Dimensions (mm)





Est. 1983
Celebrating **40 Years**

www.hird.co.uk

URW-376

(2.9t x 2.5m)

UNIC Mini Crane

The URW376 is one of Hird's mid-range mini cranes.

Featuring a 14.61m boom length and both diesel & electric power options, this mini crane is a class leader.



2.9t x 2.5m

Technical Specification

Max. lifting capacity	2.9t x 2.5m
Lifting height	14.9m
Max. working radius	14.45m
Boom length	3.63 - 14.61m
Power source	Diesel, Petrol, LPG Dual or Electric Dual
Weight	3,850kg 4,000kg with electric option

Features include

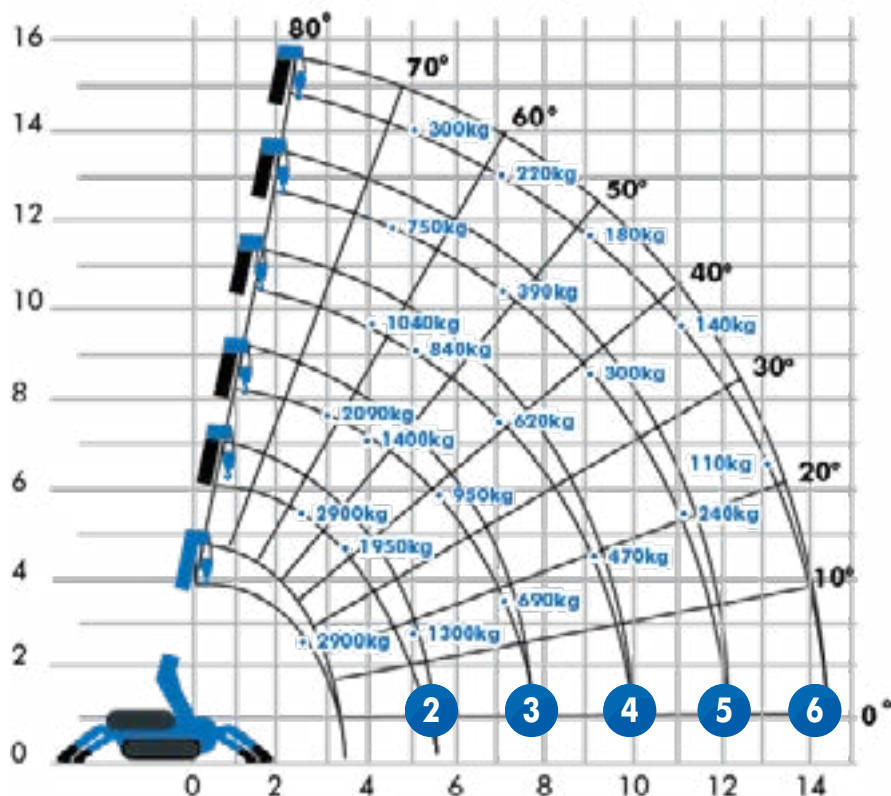
- Radio remote control operation or on-board operator seat
- Configurable outriggers
- Automatic hook stow
- Overwinding alarm
- 500kg searcher hook



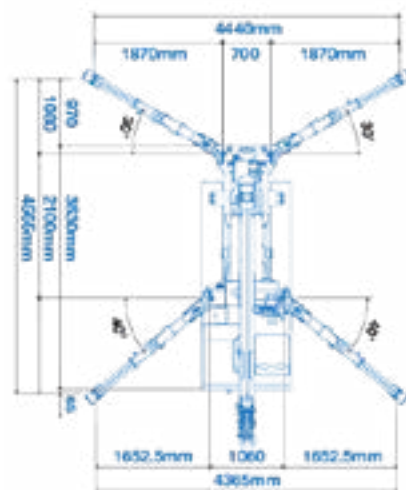
CPCS - A66 Compact Crane A



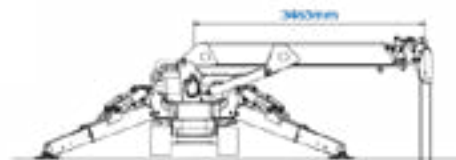
Working Envelope



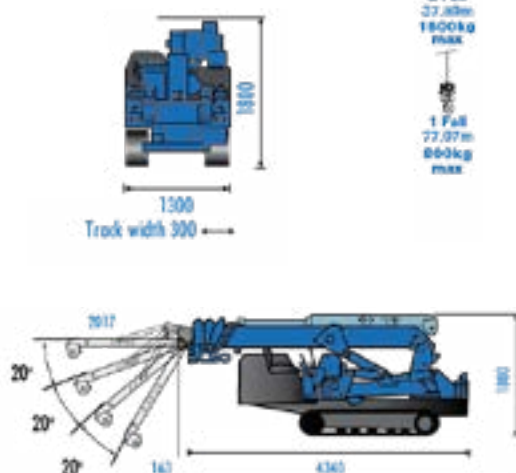
Outrigger Positions



Max. Reach Below Ground Level



Dimensions (mm)



2

Second stage extended 3.63 - 5.85m boom length

Working radius	m up to	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.69
Outrigger	Max-extended kg	2,900	2,900	2,350	1,950	1,670	1,450	1,300	1,070
	Mid-extended kg	2,900	2,900	2,320	1,920	1,570	1,250	990	770
	Min-extended kg	2,900	2,900	2,170	1,500	1,120	900	720	470

3

Third stage extended 5.85 - 8.04m boom length

Working radius	m up to	2.7	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0	7.88
Outrigger	Max-extended kg	2,240	2,090	1,650	1,400	1,220	1,070	950	840	690	590
	Mid-extended kg	2,240	2,060	1,650	1,390	1,170	1,000	820	640	450	370
	Min-extended kg	2,240	2,060	1,570	1,220	1,020	830	650	510	300	190

4

Fourth stage extended 8.04 - 10.23m boom length

Working radius	m up to	4.0	4.5	5.0	6.0	7.0	8.0	9.0	10.07
Outrigger	Max-extended kg	1,040	930	840	730	620	520	470	380
	Mid-extended kg	1,030	920	830	670	500	380	280	200
	Min-extended kg	1,030	820	640	470	310	220	130	90

5

Fifth stage extended 10.23 - 12.42m boom length

Working radius	m up to	4.5	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.26
Outrigger	Max-extended kg	750	620	480	390	340	300	270	240	230
	Mid-extended kg	750	620	470	390	320	270	220	170	130
	Min-extended kg	750	620	400	250	180	130	90	60	10

6

Sixth stage extended 12.42 - 14.61m boom length

Working radius	m up to	4.9	5.5	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.45
Outrigger	Max-extended kg	300	270	250	220	200	180	160	140	130	110	100
	Mid-extended kg	300	270	250	220	200	180	160	120	90	60	40
	Min-extended kg	300	270	250	220	170	110	80	50	30	20	10

Product specifications are subject to change without notice or obligation.
The photographs and/or drawings in this document are for illustrative purposes only.



Est. 1983
Celebrating **40 Years**

www.hird.co.uk

Mini yet mighty, the URW506 has a 15.71m boom length, industry leading safety features and a dual fuel option.

URW-506

(3.0t x 3.4m)

UNIC Mini Crane



3.0t x 3.4m

Technical Specification

Max. lifting capacity	3.0t x 3.4m
Lifting height	16.0m
Max. working radius	15.52m
Boom length	3.93 - 15.71m
Power source	Diesel or Electric Mains
Weight	4,840kg 4,990kg with electric option

Features include

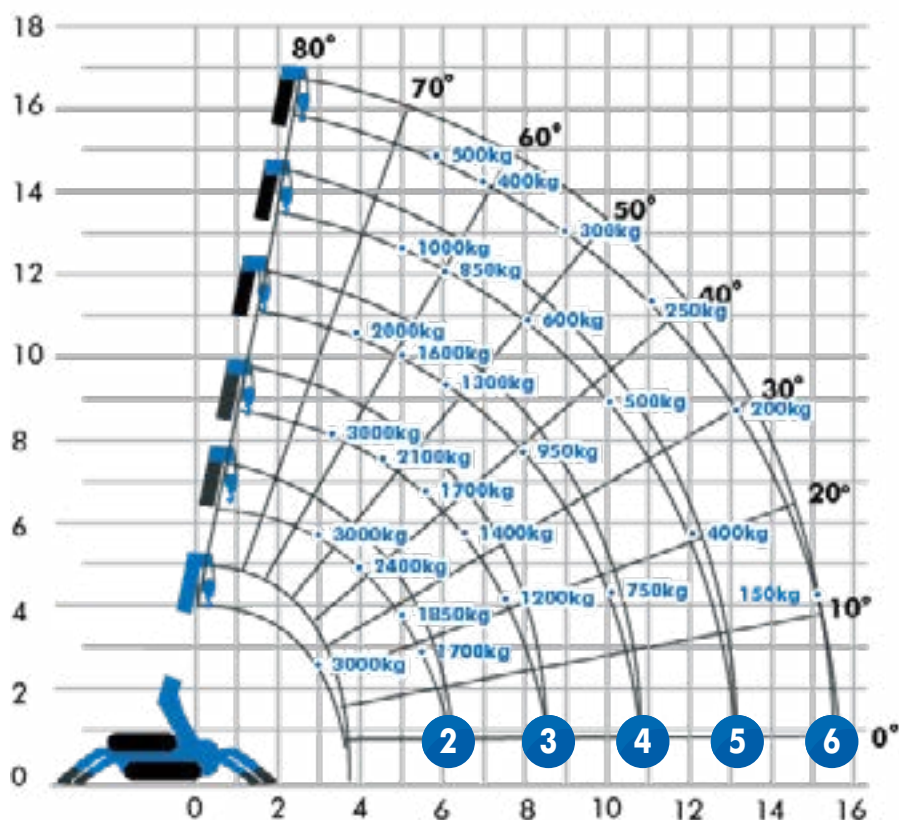
- Radio remote control operation or on-board operator seat
- Configurable outriggers
- Automatic hook stow
- Overwinding alarm
- 500kg searcher hook



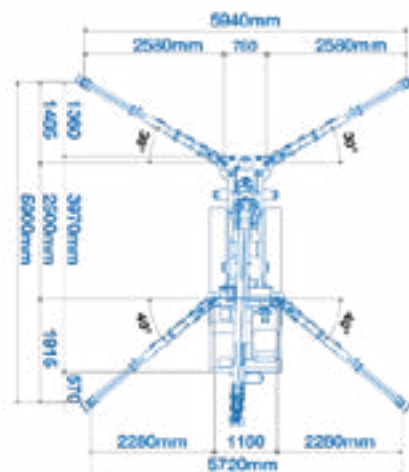
CPCS - A66 Compact Crane A



Working Envelope



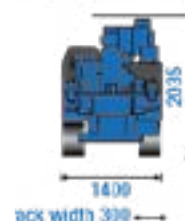
Outrigger Positions



Max. Reach Below Ground Level



Dimensions (mm)



2

Second stage extended 3.93 - 6.33m boom length

Working radius	m up to	2.5	3.0	3.4	4.0	4.5	5.0	5.5	6.0	
Outrigger	Max-extended	kg	3,000	3,000	3,000	2,400	2,100	1,850	1,700	1,550
	Mid-extended	kg	3,000	3,000	3,000	2,400	2,100	1,850	1,700	1,400
	Min-extended	kg	3,000	3,000	3,000	2,400	2,000	1,650	1,350	1,100

3

Third stage extended 6.33 - 8.72m boom length

Working radius	m up to	3.0	3.4	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.53	
Outrigger	Max-extended	kg	3,000	3,000	2,400	2,100	1,850	1,700	1,550	1,400	1,300	1,200	1,000
	Mid-extended	kg	3,000	3,000	2,400	2,100	1,850	1,700	1,400	1,200	1,050	850	620
	Min-extended	kg	3,000	3,000	2,400	2,000	1,650	1,350	1,100	900	750	600	450

4

Fourth stage extended 8.72 - 11.05m boom length

Working radius	m up to	4.0	4.5	5.0	5.5	6.0	7.0	8.0	9.0	10.0	10.86	
Outrigger	Max-extended	kg	2,000	1,800	1,600	1,450	1,300	1,100	950	850	750	640
	Mid-extended	kg	2,000	1,800	1,600	1,450	1,300	1,050	700	600	450	390
	Min-extended	kg	2,000	1,800	1,600	1,350	1,100	750	500	400	300	250

5

Fifth stage extended 11.05 - 13.38m boom length

Working radius	m up to	5.0	5.5	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.19	
Outrigger	Max-extended	kg	1,000	920	850	700	600	550	500	450	400	350
	Mid-extended	kg	1,000	920	850	700	600	520	450	390	300	250
	Min-extended	kg	1,000	920	850	700	500	400	300	250	200	170

6

Sixth stage extended 13.38 - 15.71m boom length

Working radius	m up to	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.52
Outrigger	Max-extended	kg	500	400	350	300	250	250	200	200	150
	Mid-extended	kg	500	400	350	300	250	250	200	200	150
	Min-extended	kg	500	400	350	300	250	230	200	170	100

Product specifications are subject to change without notice or obligation.
The photographs and/or drawings in this document are for illustrative purposes only.



Est. 1983
Celebrating **40 Years**

www.hird.co.uk

The URW706 is the heavyweight in Hird's mini crane fleet. With a lifting capacity of up to 6.0t.

Other features include a 19.2m boom length & extendable Fly jib / Searcher Hook as standard, perfect if extra muscle is required.

URW-706 (6.0t x 3.0m) UNIC Mini Crane



6.0t x 3.0m

Technical Specification

Max. lifting capacity	6.0t x 3.0m
Lifting height	19.5m
Max. working radius	18.6m
Boom length	4.80 - 19.20m
Power source	Diesel or Electric Mains
Weight	7,920kg 8,070kg with electric option 8,310kg with searcher hook and fly jib attached

Features include

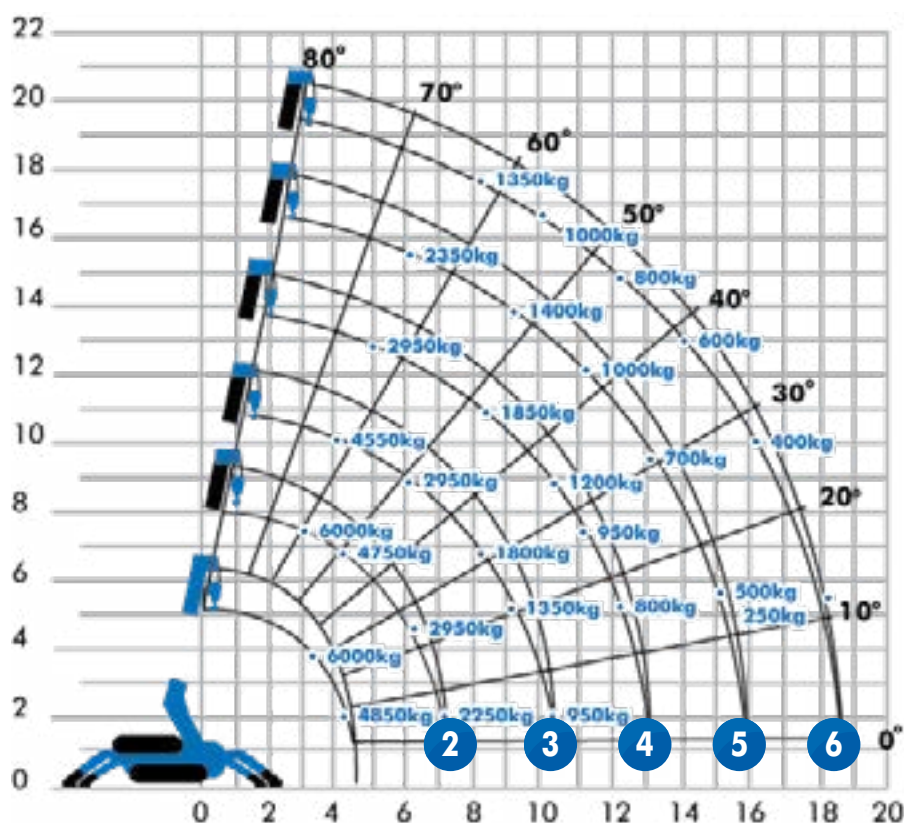
- Fly jib and searcher hook provides extended range and precise positioning
- Remote control operation or on-board operator seat
- Will go through standard double doorway
- Intelligent throttle system



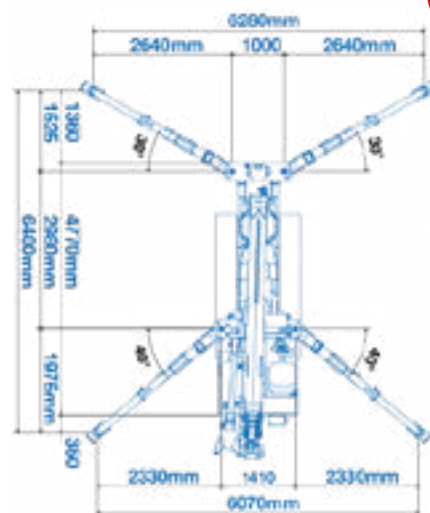
CPCS - A66 Compact Crane A



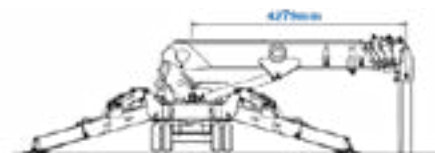
Working Envelope



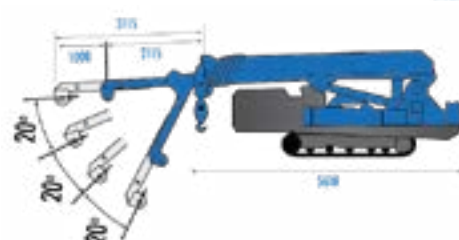
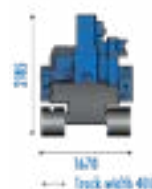
Outrigger Positions



Max. Reach Below Ground Level



Dimensions (mm)



2

Second stage extended 4.8 - 7.7m boom length

Working radius	m up to	2.0	3.0	3.5	4.0	5.0	6.0	7.0	7.2
Outrigger	Max-extended	kg	6,000	6,000	5,350	4,750	3,750	2,950	2,250
	Mid-extended	kg	6,000	6,000	5,350	4,750	3,750	2,450	1,700
	Min-extended	kg	6,000	6,000	5,350	4,650	2,550	1,650	1,150

3

Third stage extended 7.7 - 10.6m boom length

Working radius	m up to	2.7	4.0	5.0	6.0	7.0	8.0	9.0	10.0	10.1
Outrigger	Max-extended	kg	4,550	4,550	3,650	2,950	2,400	1,800	1,350	950
	Mid-extended	kg	4,550	4,550	3,650	2,550	1,750	1,300	950	700
	Min-extended	kg	4,550	4,550	2,650	1,700	1,200	850	650	450

4

Fourth stage extended 10.6 - 13.5m boom length

Working radius	m up to	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	12.9
Outrigger	Max-extended	kg	2,950	2,550	2,150	1,850	1,500	1,200	950	800
	Mid-extended	kg	2,950	2,550	1,850	1,400	1,100	850	650	550
	Min-extended	kg	2,750	1,850	1,300	1,000	750	550	430	330

5

Fifth stage extended 13.5 - 16.3m boom length

Working radius	m up to	6.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	15.8
Outrigger	Max-extended	kg	2,350	1,700	1,400	1,200	1,000	850	700	600	500
	Mid-extended	kg	2,350	1,500	1,150	950	750	600	500	400	300
	Min-extended	kg	1,950	1,050	800	650	500	400	300	230	170

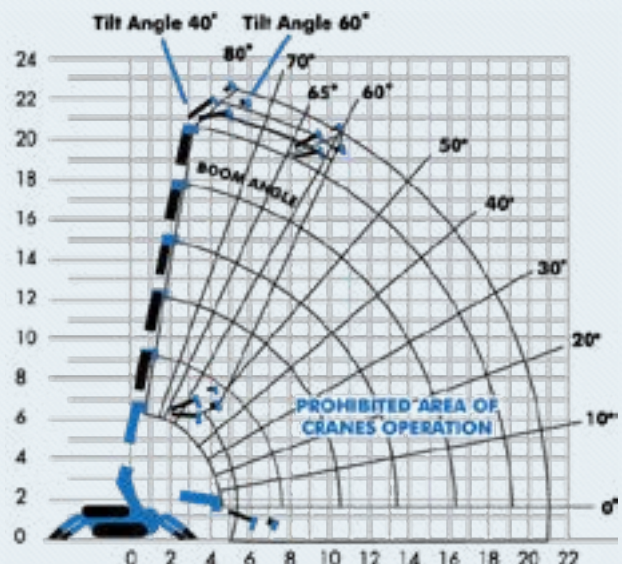
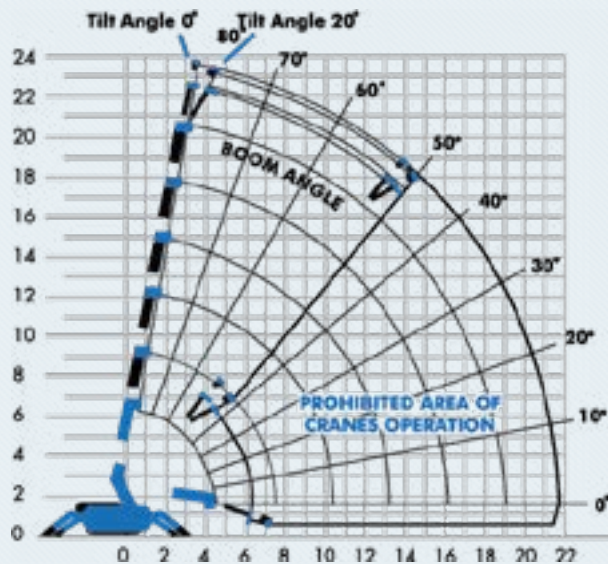
6

Sixth stage extended 16.3 - 19.2m boom length

Working radius	m up to	8.0	10.0	12.0	14.0	16.0	18.0	18.6	
Outrigger	Max-extended	kg	1,350	1,000	800	600	400	250	200
	Mid-extended	kg	1,350	1,000	650	450	300	200	150
	Min-extended	kg	1,100	700	450	280	170	90	60

Product specifications are subject to change without notice or obligation.
The photographs and/or drawings in this document are for illustrative purposes only.

Optional Extension Fly Jib / Searcher Hook - Working Range



Angled rated Net rated loads (kg) at extension jib angle

Boom Angle	0°	20°	40°	60°
80°	800	800	600	600
75°	800	800	600	600
70°	700	700	500	500
65°	600	600	400	400
60°	500	500		
55°	400	400		
50°	300	300		
40°				
30°				
20°				
10°				
0°				

Prohibited

Radius rated

Working Radius (m)
7.0
8.0
9.0
10.0
10.5
11.0
11.5
12.0
13.0
14.0
15.0
16.0
17.0
18.0
20.0

Searcher hook net rated loads (kg)

	Outriggers Max-Extended	Outriggers Mid-Extended	Outriggers Min-Extended
7.0	800	800	800
8.0	800	800	610
9.0	800	700	420
10.0	800	550	250
10.5	800	490	200
11.0	650	430	160
11.5	550	370	120
12.0	330	310	100
13.0	330	230	
14.0	260	150	
15.0	210	100	
16.0	170		
17.0	130		
18.0	100		
20.0			

Prohibited

Technical Specifications - Fly Jib

Lifting capacity	800kg
Jib length	retracted 2.10m
	extracted 3.11m
Weight	205kg
Tilt Angles	0°, 20°, 40°, 60°

Technical Specifications - Searcher Hook

Lifting capacity	800kg
Length	2.21m
Weight	25kg (excluding bracket and first section)
Tilt Angles	0°, 20°, 40°, 60°
	0° (prohibited boom angles 40° - 60°)
	20° (prohibited boom angles 60° - 80°)
	40°, 60° (operation possible with all boom angles)

Timber Billets and Outrigger Mats

Cranes with outriggers require a solid platform for the crane's safe operation and efficient use.

Hird provides its customers with a range of timber billets and outrigger mats to use in conjunction with any crane that has outriggers.

Statistics show that at least 50% of accidents involving cranes occur because outriggers have not been set up correctly.

These are essential accessories to spread loads, reduce floor loading, and ensure a more stable lifting base.



Timber Billets & Sleepers

Timber billets and sleepers for placement under a crane's outrigger feet, spread the load to create a more stable lifting base.

- Made from high quality timber for durability
- Spread load to create more stable lift base
- Help reduce floor loadings

Various sizes available,
depending on floor loading

We also stock timber (bog) mats



Outrigger Mats

Outrigger (crane) mats for placement under a crane's outrigger feet. These mats spread the load to reduce floor loading.

- Made from high resistance polyethylene for durability
- Spread load to create more stable lift base
- Help reduce floor loadings

Various sizes available,
depending on floor loading



If you have any doubts at all about floor loading, or to specify the correct machine for your project, please call the Hird lifting team on 0203 174 0658.



Est.1983 Celebrating **40 Years**

www.hird.co.uk



A MEMBER OF
**ACCESS
LINK**
LOCAL SERVICE COUNTRYWIDE

Northern (Head Office)

English Street, Hull HU3 2BS

Tel: +44 (0)1482 227333

Email: northern@hird.co.uk

Central

Shaw Lane Industrial Estate

Ogden Road, Doncaster DN2 4SQ

Tel: +44 (0)1302 341659

Email: central@hird.co.uk

Southern

Unit 8, Redhill 23 Business Park

Holmethorpe Avenue

Redhill RH1 2NB

Tel: +44 (0)203 174 0658

Email: southern@hird.co.uk



Our partners in the UK & NI



Pick & Carry Cranes



Vacuum Lifting Robots



Aerial Work Platforms



Truck Mounted Cranes



Safe Load Monitoring System



HIRD LTD



@hirdylifting



@hirdylifting