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product catalog

Exporting concrete solutions worldwide since 2020

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We lead
the global industry
in reliable and innovative
concrete placing motto production,
delivering customized solutions for users.

We know that your
time is precious.
We are at your service
24/7 with our professional
solutions!

Concrete Placing Booms

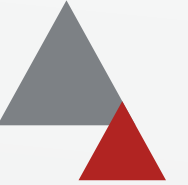


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welcome to

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Welcome to Product Catalog

Motto was founded in Istanbul in 2020 and continues production activities in Omerli-Istanbul Facilities.

Being the first company that manufactures Concrete Distributors in Turkey; Motto utilizes the latest technology. We combine our experience with latest industry developments to our production. We only work with the best suppliers to reliably serve your specific needs. Especially our BHD series concrete distributors have been one of the most consistently important elements in the Construction Sector. With the addition of concrete pumps to our product range, you are guaranteed to solve your concrete problems at once.

Inside this catalogue, you are going to find Technical Information about our Concrete Distributors and Concrete Pumps that we produce with the assurance of TSE, ISO 9001, ISO 3834-2 and CE certificates.

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BHD Series



Self-Climbing Type Placing Booms

Our Self-Climbing Type Placing Booms are suitable for the construction of any concrete structures, such as bridges, foundations, and especially high-rise buildings. The latest technology quick release system ensures quick and simple assembly. Start pouring without losing time on installation. With reliable, safe self-climbing technology, improve the efficiency of construction and decrease labor intensity. Choose between R and Z boom configurations to suit your specific needs.

Motto Self-Climbing Placing Booms have proven themselves throughout the years to have long service lives and continue to be the staple of construction sites.



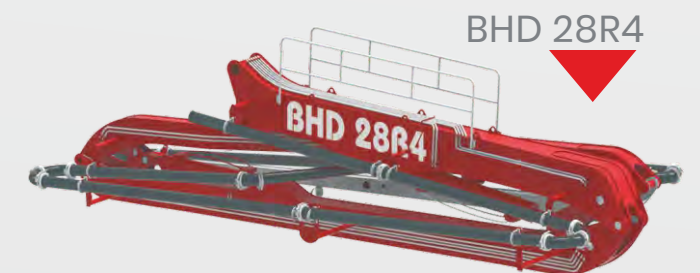
BHD 36Z4



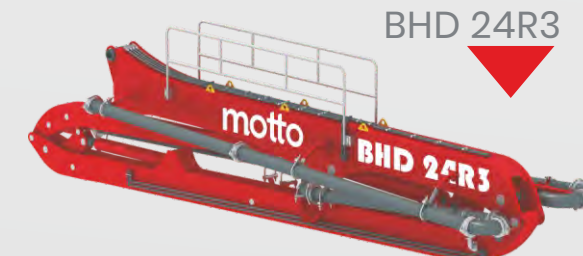
BHD 32Z4



BHD 32R4

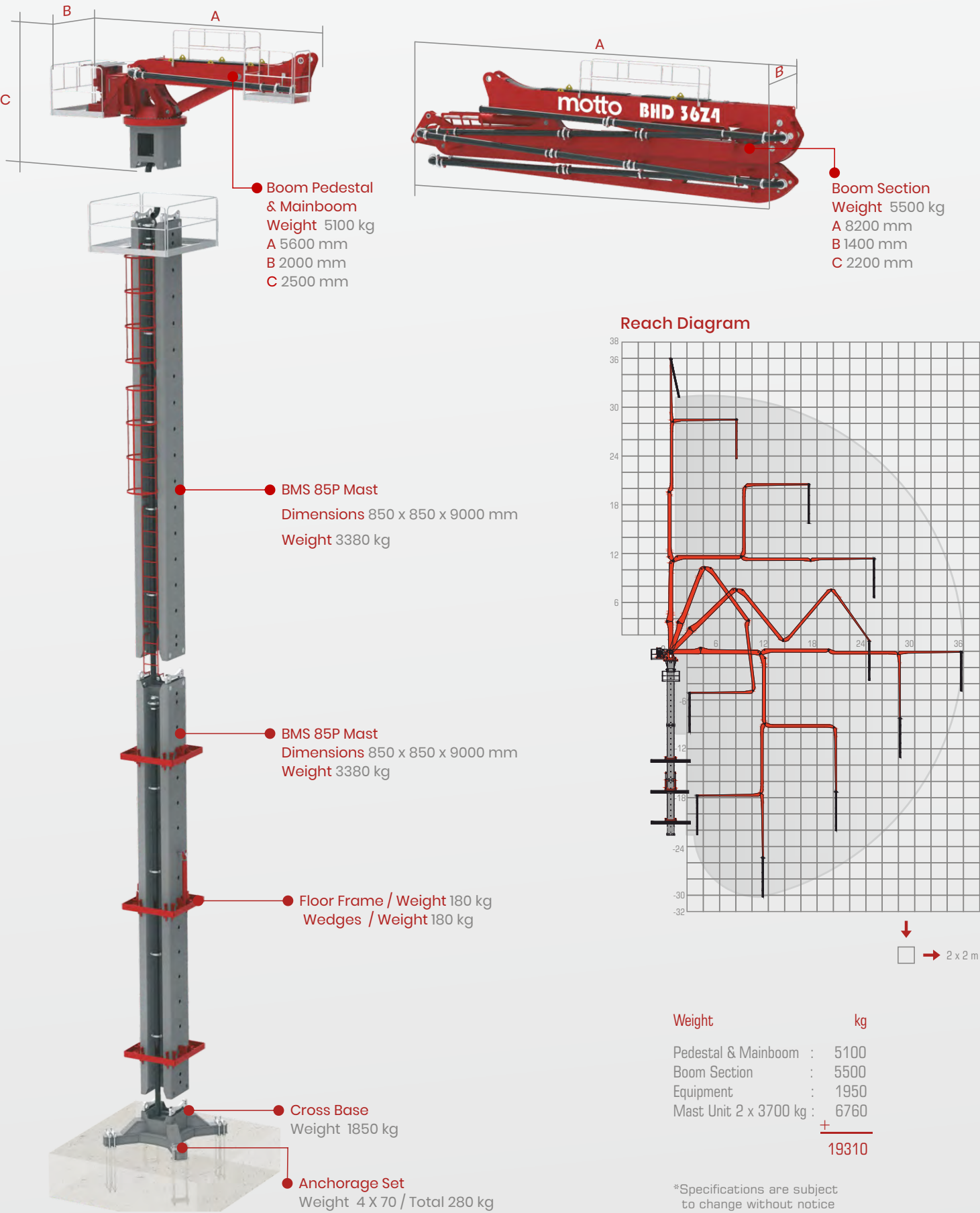


BHD 28R4



BHD 24R3

Climbing Type Placing Motto / BHD 36Z4 Technical Specifications



Transportation / Truck

A full set of BHD 36Z4 is capable of being fitted within the parameters of a commercial truck, maintaining a high standard of formality and professionalism.

Transportation / 40" OT HC

Take note: If the order is for a full set of BHD 36Z4, which includes the cross base and anchorage sets, and the shipment will be carried in a 40" OT HC container, the cross base will not fit. In this case, the cross base must be ship as a separate partial shipment.

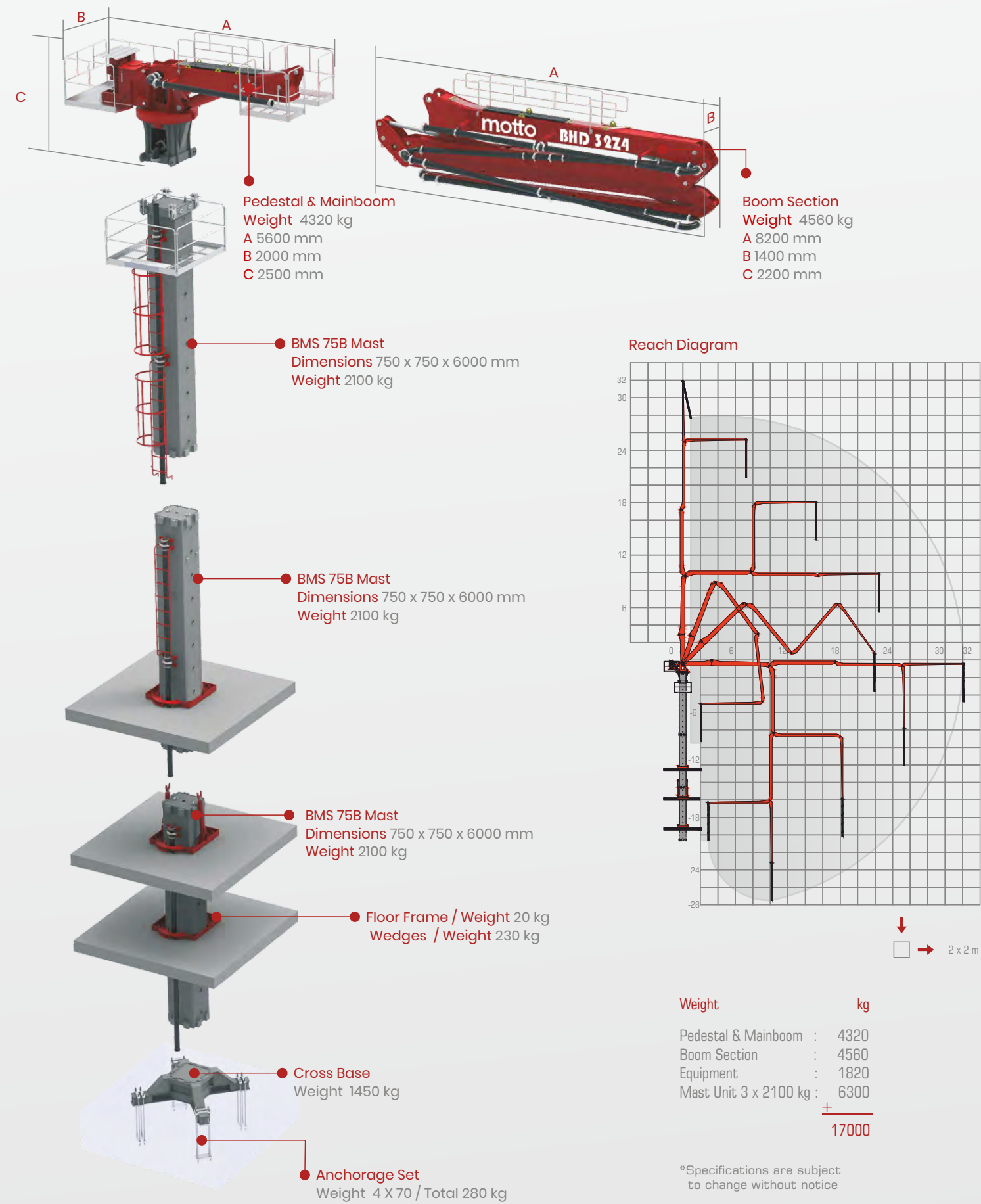


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Concrete Placing Boom
BHD 36Z4
Technical Specifications

- Maximum safety for the entire construction site.
- Efficient work pace due to rapid shuttering times.
- The implementation of low-maintenance standard components can help to minimize service expenses.
- By utilizing modular design technology and quick connecting components, BHD 36Z4 can be quickly and easily assembled and hoisted.

Climbing Type Placing Booms / BHD 32Z4 Technical Specifications



- Maximum safety for the entire construction site.
- Efficient work pace due to rapid shuttering times.
- The implementation of low-maintenance standard components can help to minimize service expenses.
- By utilizing modular design technology and quick connecting components, BHD 32Z4 can be quickly and easily assembled and hoisted.



Transportation / Truck

A full set of BHD 32Z4 is capable of being fitted within the parameters of a commercial truck.

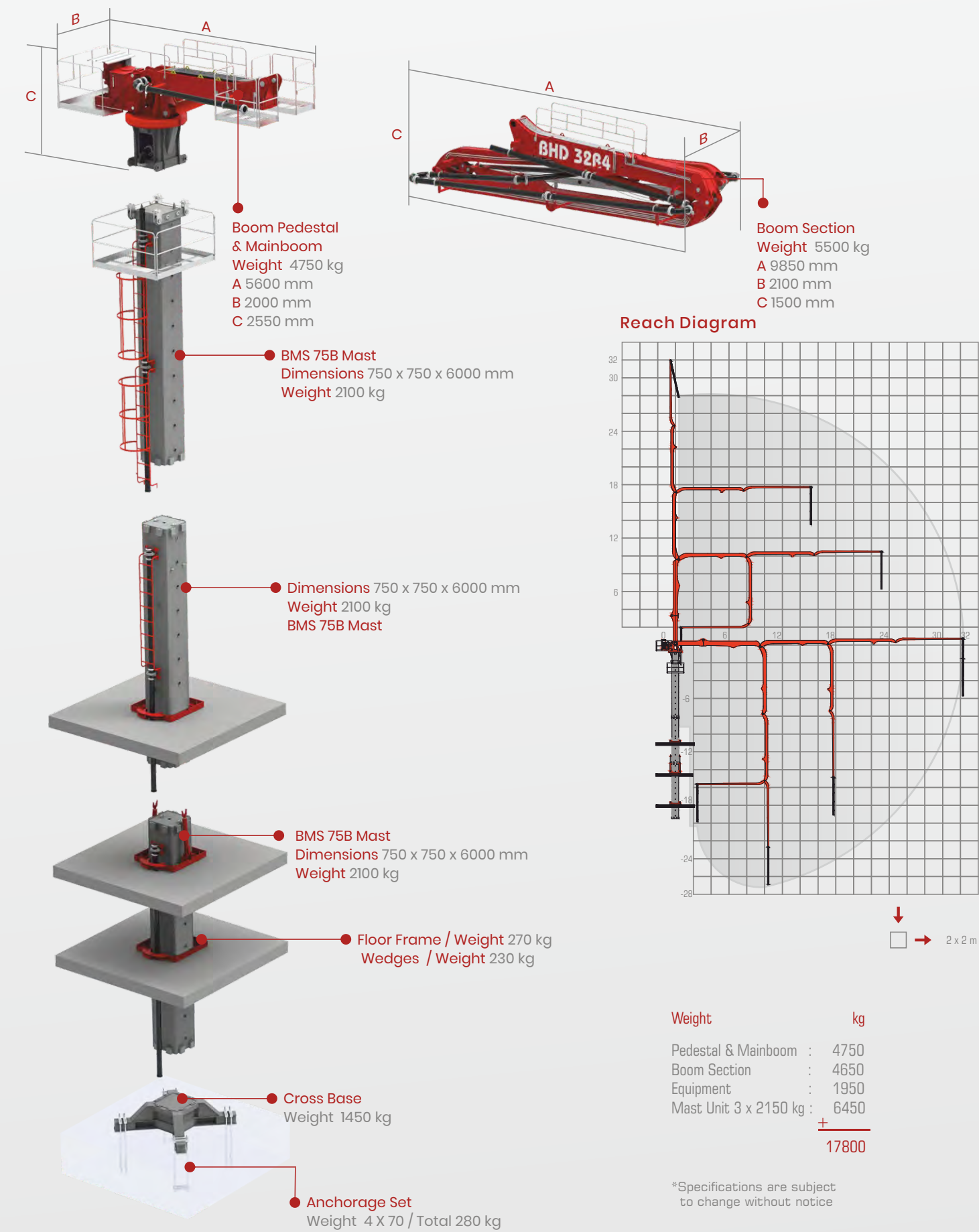
Transportation / 40" OT

Take note: If the order is for a full set of BHD 32Z4, which includes the cross base and anchorage sets, and the shipment will be carried in a 40" OT container, the cross base will not fit. In this case, the cross base must be ship as a separate partial shipment.



Concrete Placing Boom
BHD 32Z4
Technical Specifications

Climbing Type Placing Booms / BHD 32R4 Technical Specifications

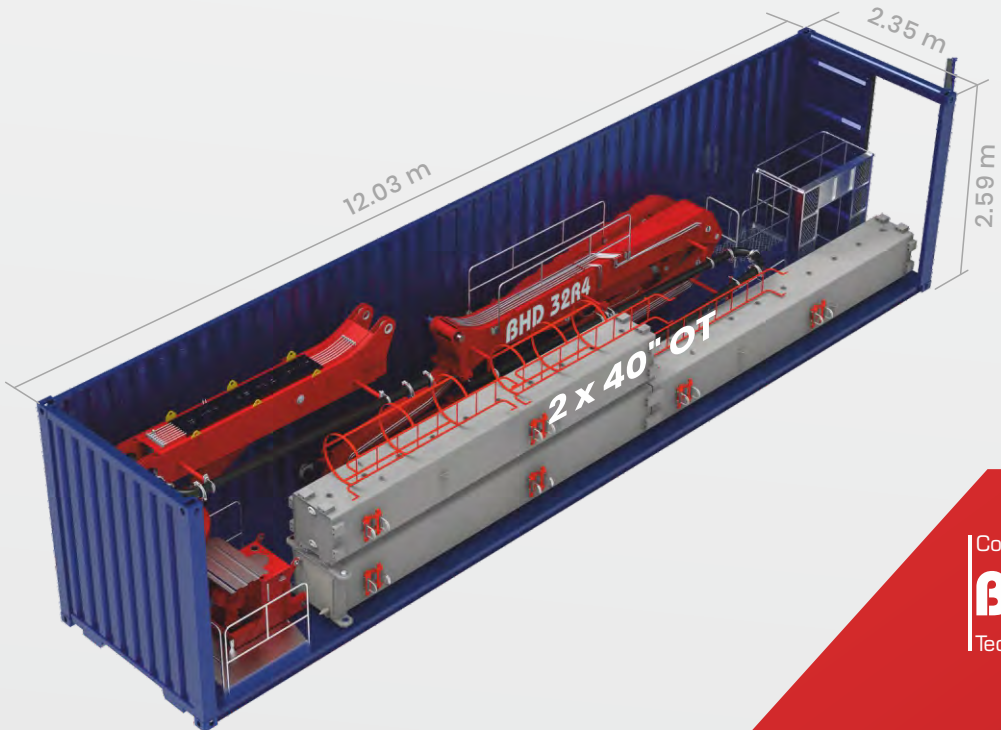


Transportation / Truck

A full set of BHD 32R4 is capable of being fitted within the parameters of a commercial truck.

Transportation / 2 x 40" OT

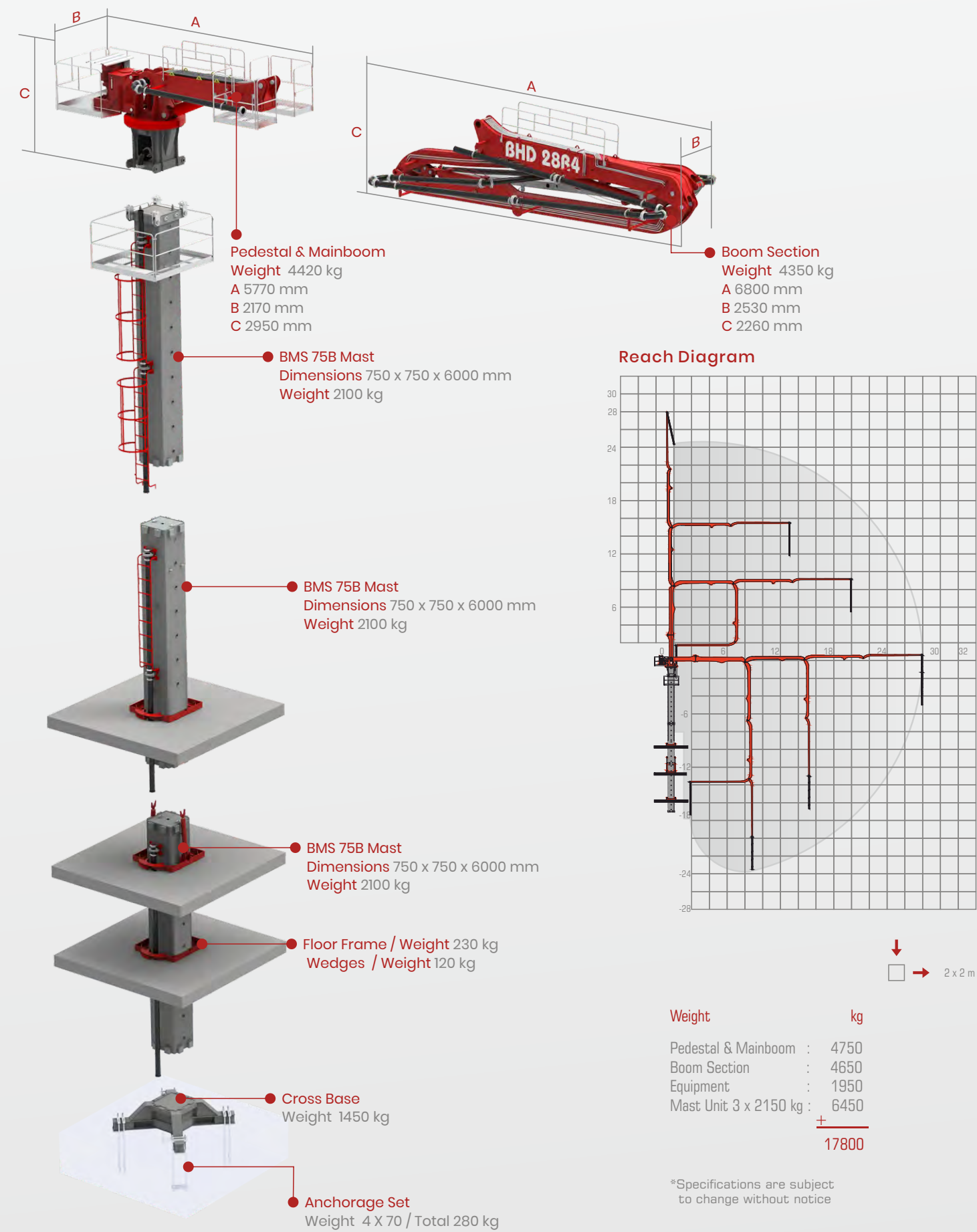
Take note: If the order is for a full set of BHD 32R4, which includes the cross base and anchorage sets, and the shipment will be carried in a 2 x 40" OT container, the cross base will not fit. In this case, the cross base must be ship as a separate partial shipment.



Concrete Placing Boom
BHD 32R4
Technical Specifications

- Maximum safety for the entire construction site.
- Efficient work pace due to rapid shuttering times.
- The implementation of low-maintenance standard components can help to minimize service expenses.
- By utilizing modular design technology and quick connecting components, BHD 32R4 can be quickly and easily assembled and hoisted.

Climbing Type Placing Booms / BHD 28R4 Technical Specifications



- Maximum safety for the entire construction site.
- Efficient work pace due to rapid shuttering times.
- The implementation of low-maintenance standard components can help to minimize service expenses.
- By utilizing modular design technology and quick connecting components, BHD 28R4 can be quickly and easily assembled and hoisted.

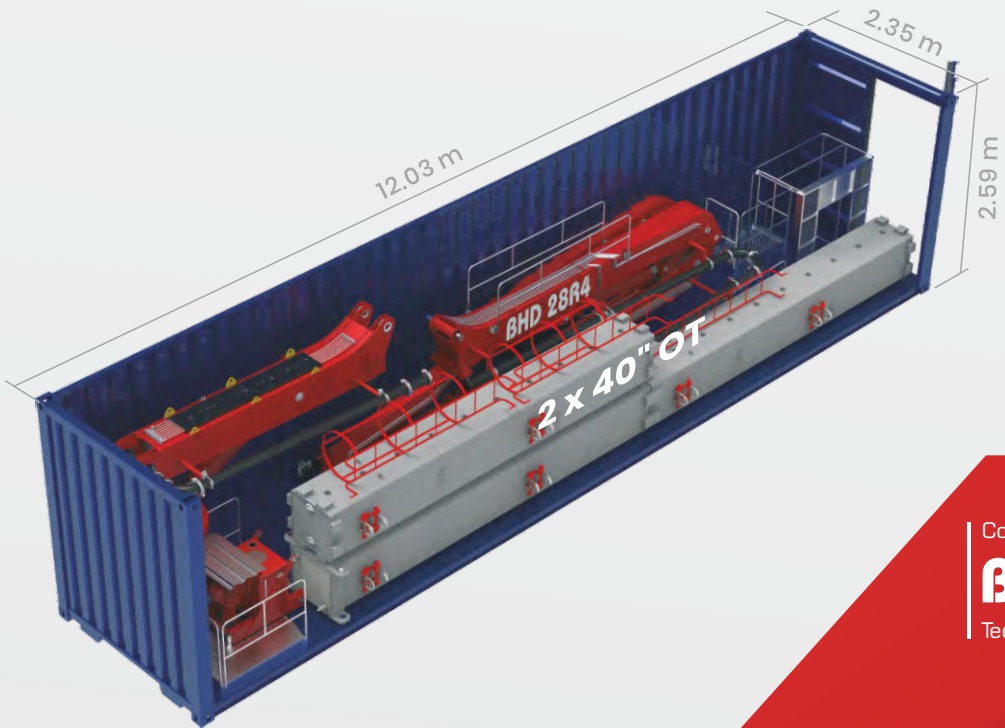


Transportation / Truck

A full set of BHD 28R4 is capable of being fitted within the parameters of a commercial truck.

Transportation / 2 x 40" OT

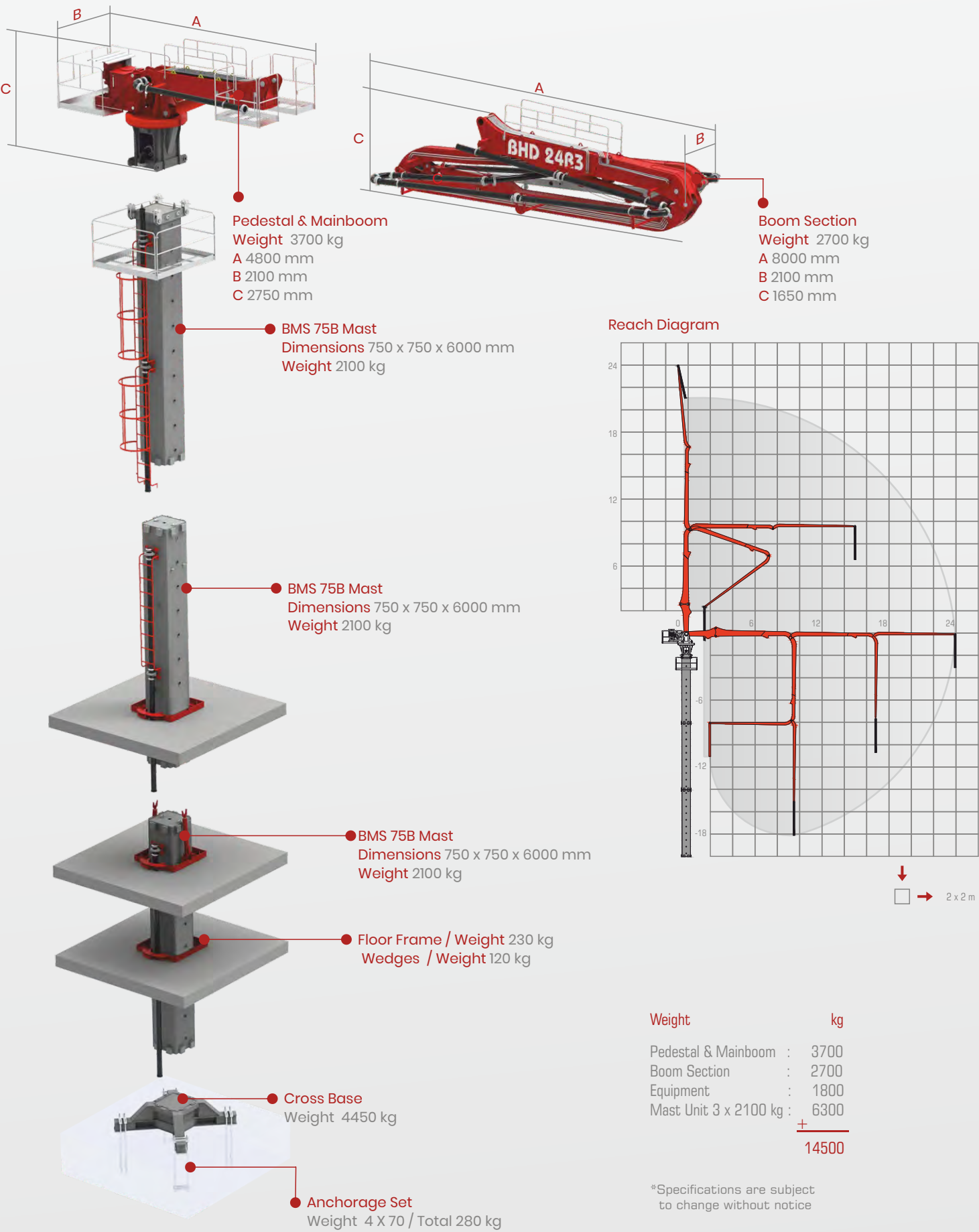
Take note: If the order is for a full set of BHD 28R4, which includes the cross base and anchorage sets, and the shipment will be carried in a 2 x 40" OT container, the cross base will not fit. In this case, the cross base must be ship as a separate partial shipment.



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Concrete Placing Boom
BHD 28R4
Technical Specifications

Climbing Type Placing Booms / BHD 24R3 Technical Specifications

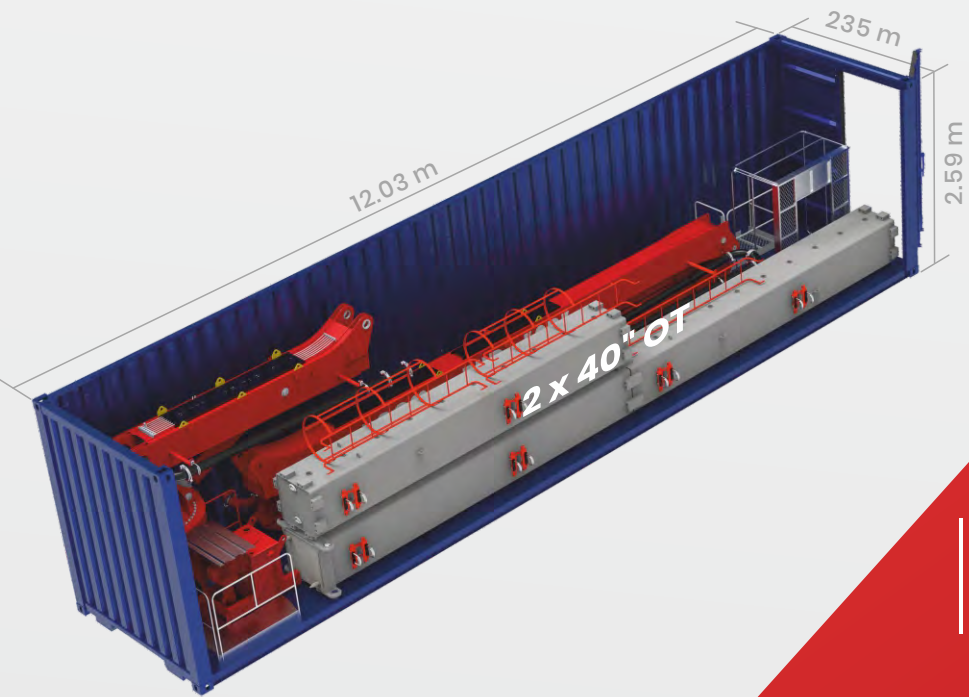


Transportation / Truck

A full set of BHD 24R3 is capable of being fitted within the parameters of a commercial truck.

Transportation / 2 x 40" OT

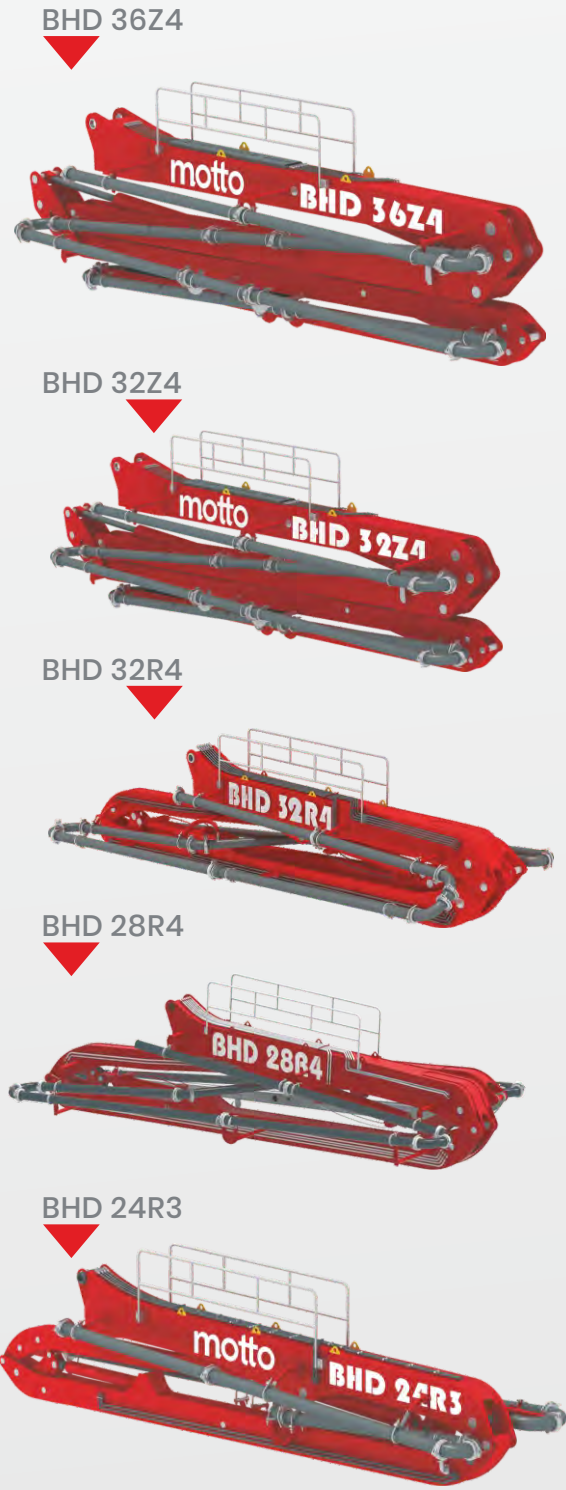
Take note: If the order is for a full set of BHD 36Z4, which includes the cross base and anchorage sets, and the shipment will be carried in a 2 x 40" OT container, the cross base will not fit. In this case, the cross base must be ship as a separate partial shipment.



Concrete Placing Boom
BHD 24R3
Technical Specifications

- Maximum safety for the entire construction site.
- Efficient work pace due to rapid shuttering times.
- The implementation of low-maintenance standard components can help to minimize service expenses.
- By utilizing modular design technology and quick connecting components, BHD 24R3 can be quickly and easily assembled and hoisted.

Climbing Type Placing Booms



	Description		Units
Performance	Max. Radius of Placing Boom		m
	Free Standing Height		mm
	Slewing Range (Optional 360° Rotating)		deg.
	Total Weight		kg
	Counter Weight		kg
	Weight of Heaviest Component		kg
	Electric Power		3 phase
Motor	Power		kW
Hydraulic System	System Pressure		MPa
	Flow		cc / rev
	Oil Tank Capacity		ltrs.
	Controls		
	Mast Section		
Boom	Boom Type		(mm x mm)
	Delivery Pipeline Diameter		mm / inch
	Length of End Hose		mm
	1st Section	Length	mm
		Opening Angle	deg.
	2nd Section	Length	mm
		Opening Angle	deg.
	3rd Section	Length	mm
		Opening Angle	deg.
	4th Section	Length	mm
Opening Angle		deg.	
Climbing	Climbing Type		
	Internal Climbing Step Distance		mm
	Floor Frame		
	Lift Shaft Dimensions		(mm x mm)

Technical Specifications Data Sheet

BHD 36Z4	BHD 32Z4	BHD 32R4	BHD 28R4	BHD 24R3
36	32	32	28	24
22700	20700	20700	20600	20600
400°	400°	400°	400°	400°
19310	17000	17250	16920	14800
-	-	-	-	-
5500	4560	4750	4420	3700
380 V / 460 V 50 - 60 Hz	380 V / 460 V 50 - 60 Hz	380 V / 460 V 50 - 60 Hz	380 V / 460 V 50 - 60 Hz	380 V / 460 V 50 - 60 Hz
18.5	18.5	18.5	18.5	15
32	32	32	30	30
25	25	25	16	16
230	180	180	180	170
Radio Remote Control	Radio Remote Control	Radio Remote Control	Radio Remote Control	Radio Remote Control
850 x 850 x 9000	750 x 750 x 6000	750 x 750 x 6000	750 x 750 x 6000	750 x 750 x 6000
"Z" Type	"Z" Type	"R" Type	"R" Type	"R" Type
125 / 5	125 / 5	125 / 5	125 / 5	125 / 5
4000	4000	4000	4000	3000
11000	9900	8800	8800	8900
0° - 87°	0° - 87°	0° - 87°	0° - 87°	0° - 87°
8350	7500	7900	6370	7500
0° - 180°	0° - 180°	0° - 180°	0° - 180°	0° - 180°
8350	7650	7800	6550	7600
0° - 205°	0° - 205°	0° - 180°	0° - 180°	0° - 205°
8300	6950	7500	6560	-
0° - 205°	0° - 205°	0° - 205°	0° - 205°	-
Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
600	600	600	600	600
Standard	Standard	Standard	Standard	Standard
1000 x 1000	950 x 950	950 x 950	950 x 950	950 x 950

*Specifications are subject to change without notice



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BHD Series



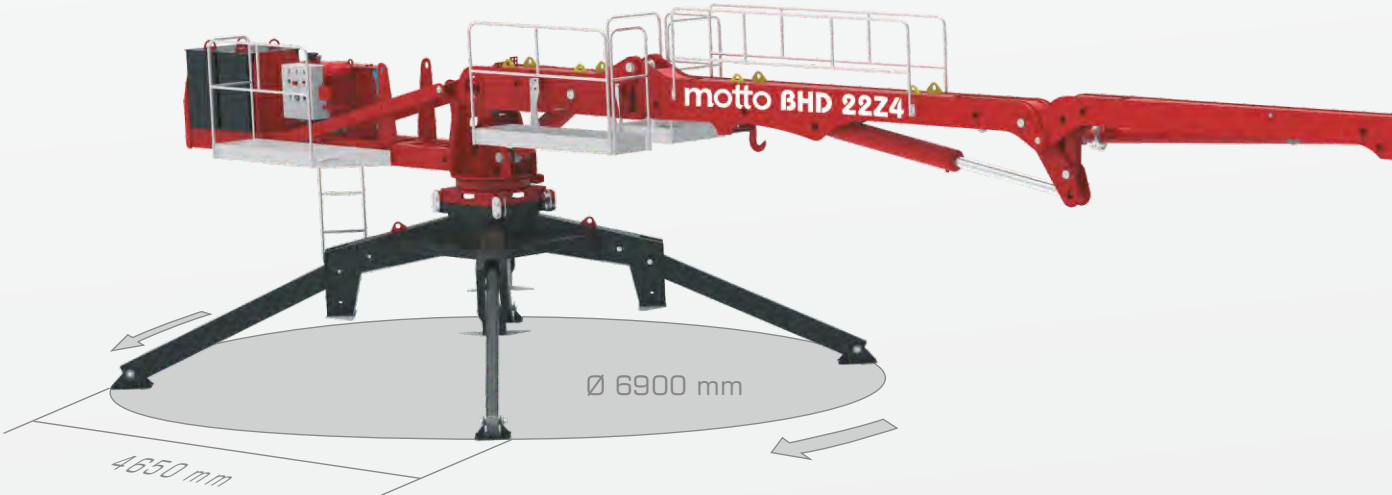
Spider Type Placing Booms

Our spider booms have established themselves as industry leaders, and their popularity is no coincidence. They're efficient, speedy, and user-friendly. Unlike traditional self-climbing type booms, our compact spider booms offer the same productivity with less hassle.

They're versatile, lightweight, and have minimal impact on job sites. Plus, they require less setup time and can be easily moved with a crane. With the same functionality as larger booms but at a fraction of the cost, our spider booms are the ultimate choice for any project.

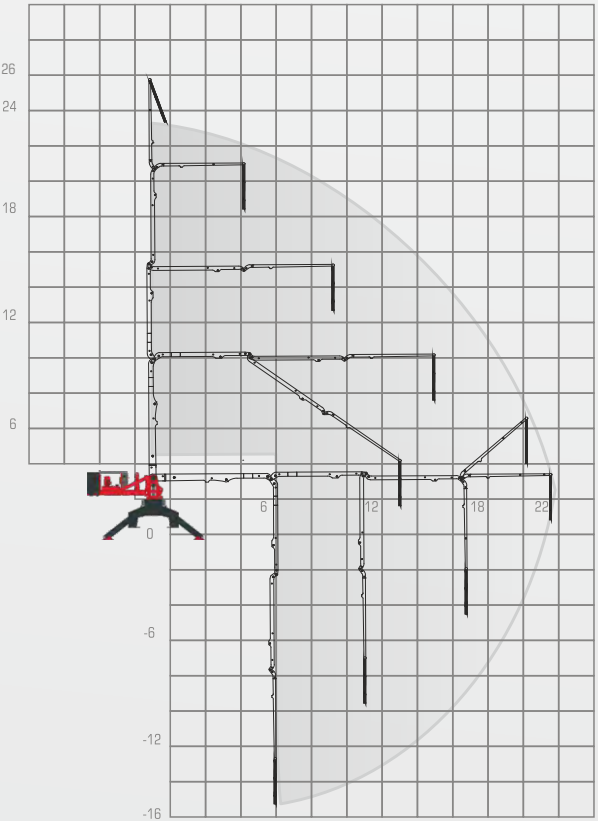


Spider Type Placing Booms / BHD 22Z4 Technical Specifications



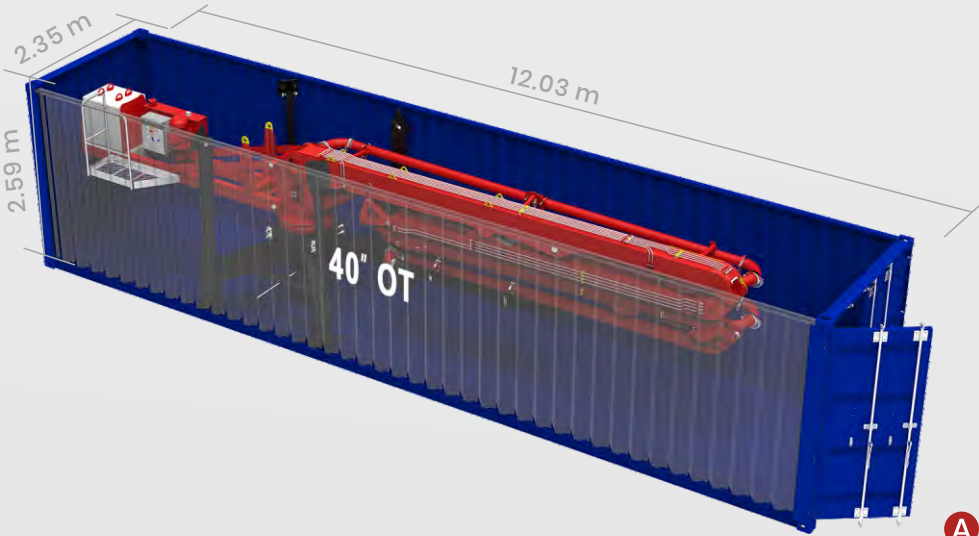
Concrete Placing Boom
BHD 22Z4
Technical Specifications

Reach Diagram

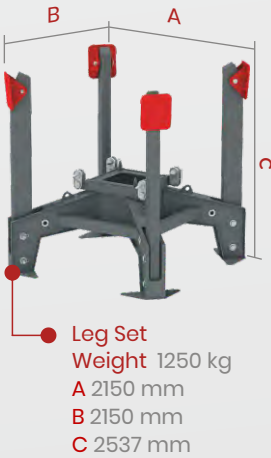
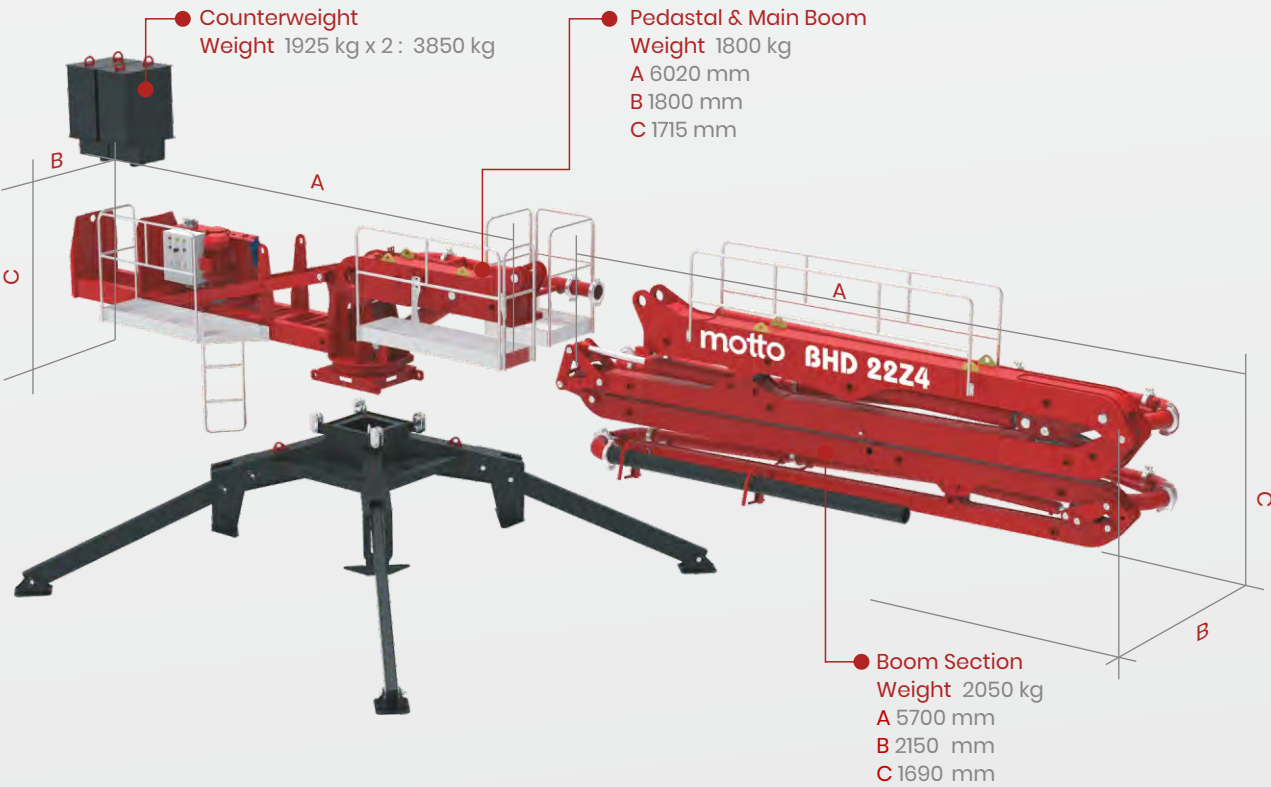


Transportation

- A** One unit of BH D22Z4 is compatible with a 40" OT container.



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Weight: Overview	kg
Pedestal & Mainboom	: 1800
Boom Section	: 2050
Leg Set	: + 1250
	5100

 Counterweight	: 3850
*Specifications are subject to change without notice	

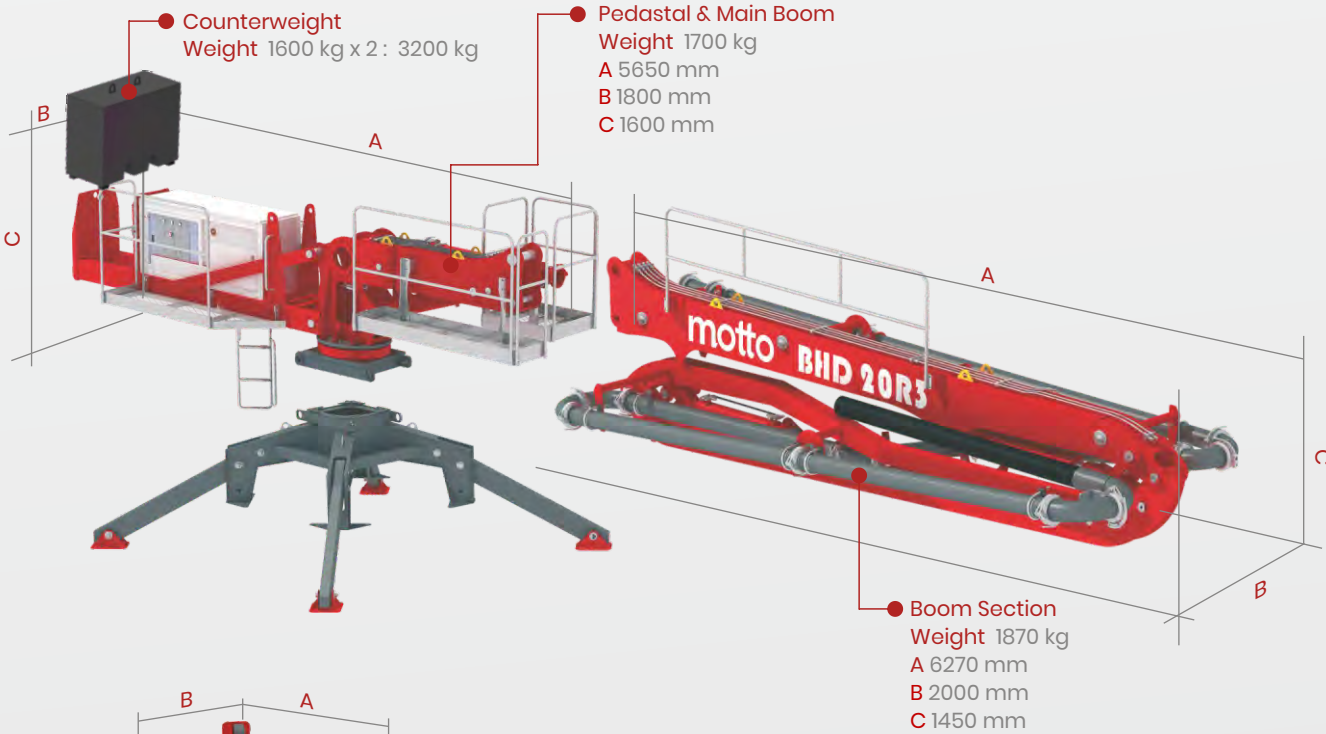
- Ensuring maximum safety across the entire construction site.
- Minimizing service expenses through the integration of low-maintenance standard components.



Concrete Placing Boom

BHD 20R3

Technical Specifications



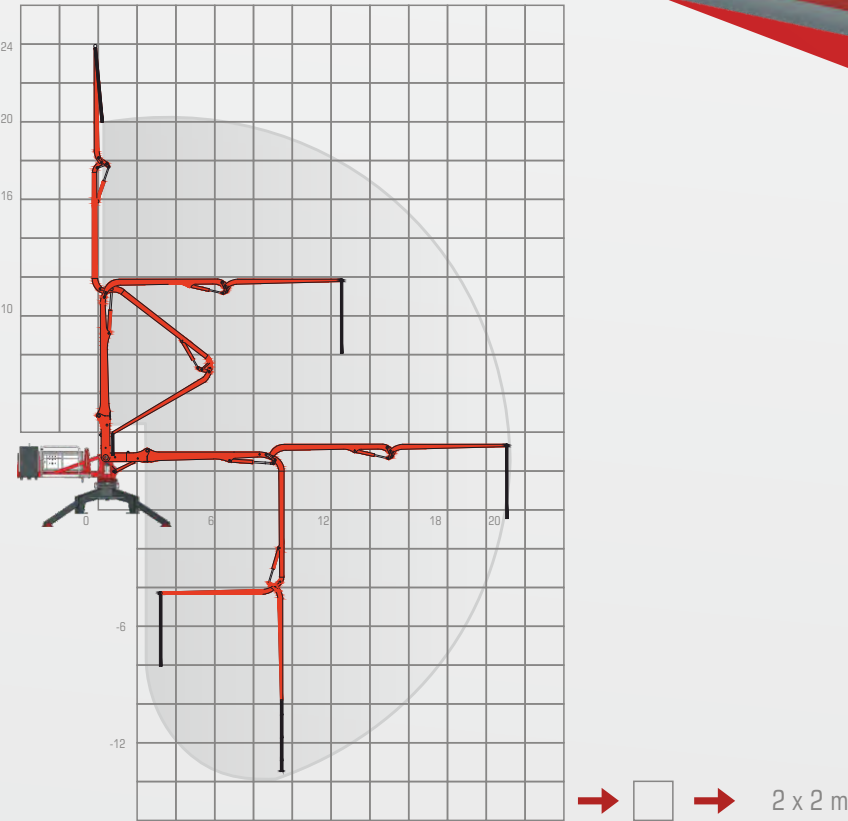
Weight Overview		kg
Pedestal & Mainboom	:	1700
Boom Section	:	1870
Leg Set	:	+ 1250
		4820



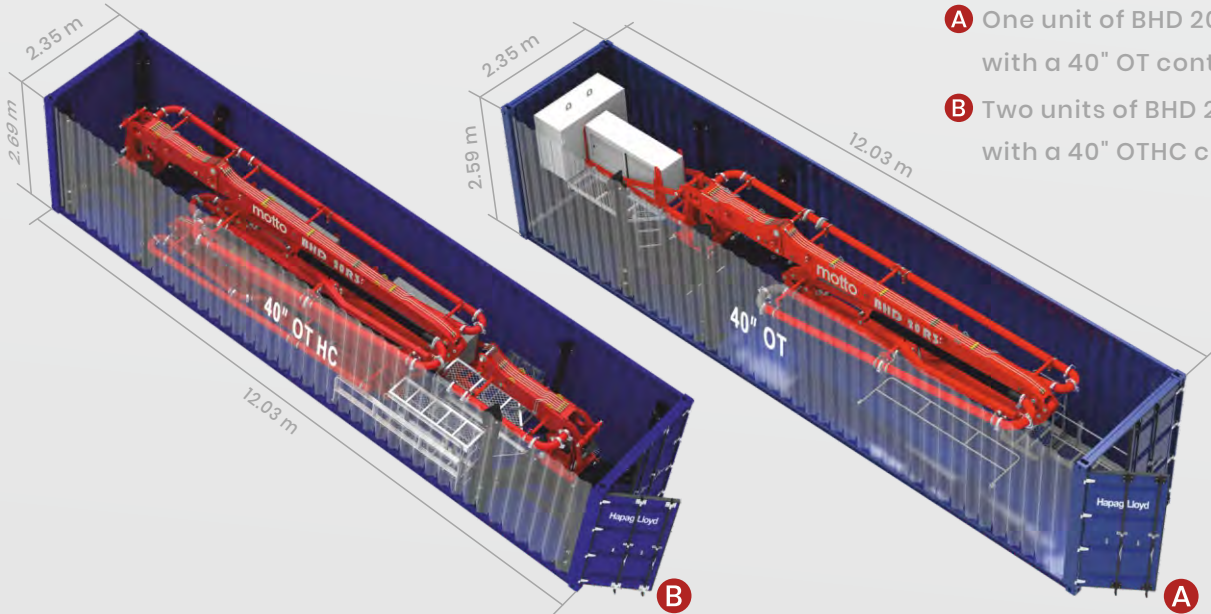
Counterweight : 3200

*Specifications are subject to change without notice

Reach Diagram



Transportation



- A One unit of BHD 20R3 is compatible with a 40" OT container.
- B Two units of BHD 20R3 are compatible with a 40" OTHC container.

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- Ensuring maximum safety across the entire construction site.
- Minimizing service expenses through the integration of low-maintenance standard components.



Concrete Placing Boom
BHD 18R3
Technical Specifications

● Counterweight
Weight 1350 kg x 2 : 2700 kg

● Pedestal & Main Boom
Weight 1630 kg
A 5200 mm
B 1800 mm
C 1600 mm

● Boom Section
Weight 1670 kg
A 5700 mm
B 1900 mm
C 1450 mm

● Leg Set
Weight 1150 kg
A 2000 mm
B 2000 mm
C 2317 mm

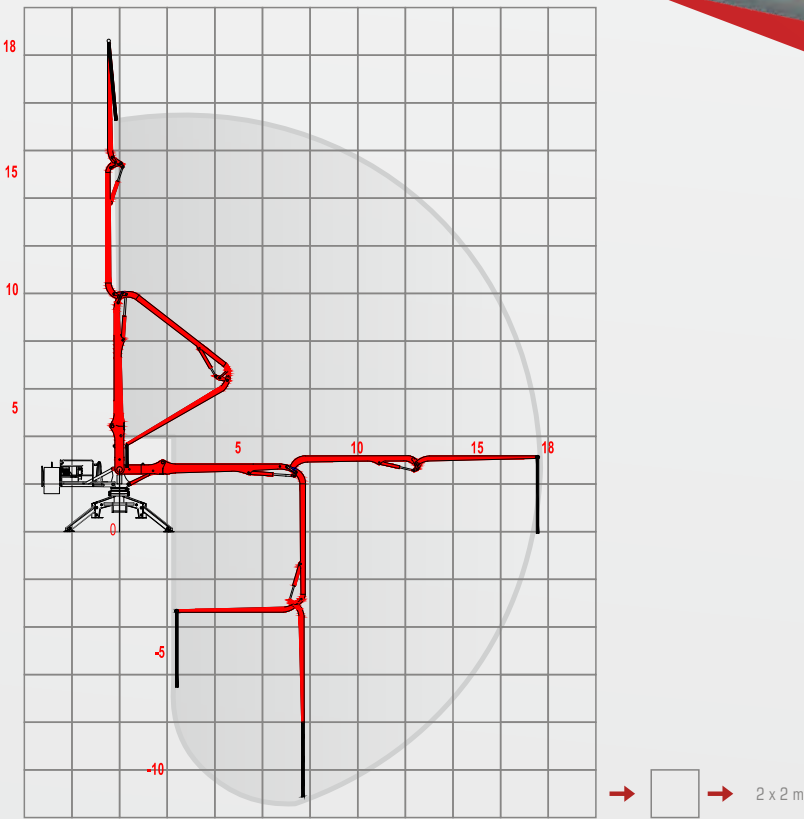
Weight Overview kg

Pedestal & Mainboom	: 1630
Boom Section	: 1670
Leg Set	: + 1150
	<u>4450</u>

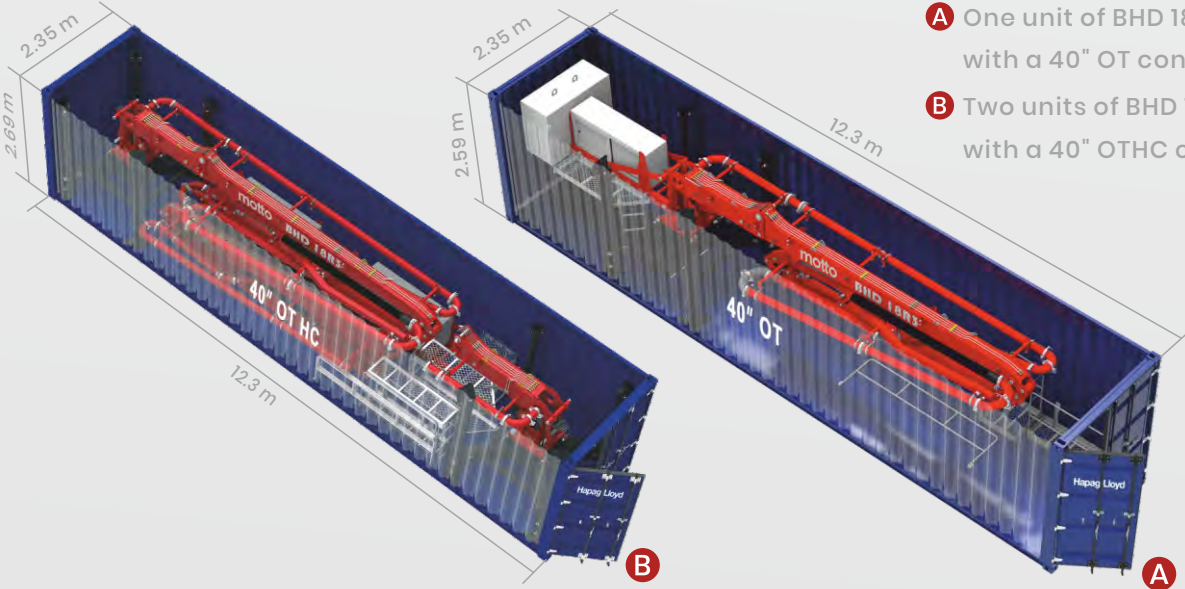
Counterweight : 2700

*Specifications are subject to change without notice

Reach Diagram



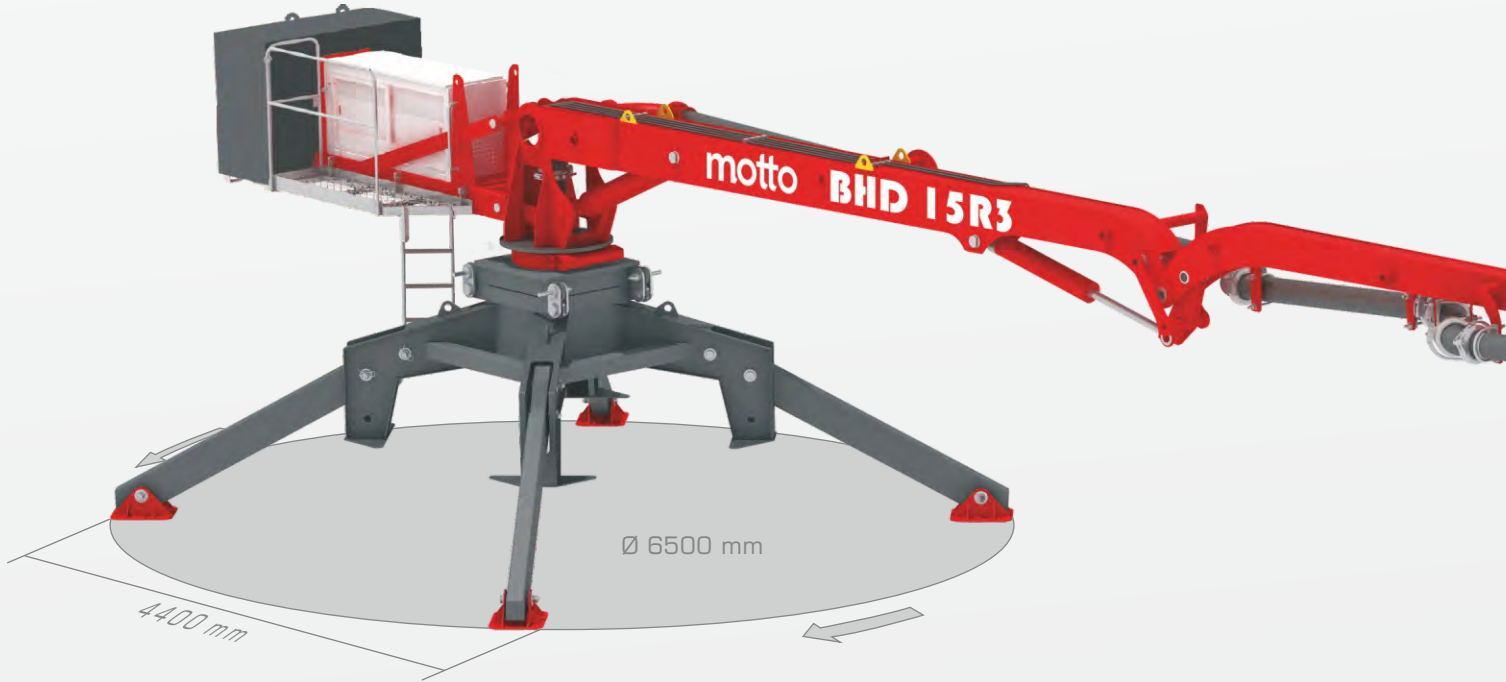
Transportation



- A One unit of BHD 18R3 is compatible with a 40" OT container.
- B Two units of BHD 18R3 are compatible with a 40" OTHC container.

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- Ensuring maximum safety across the entire construction site.
- Minimizing service expenses through the integration of low-maintenance standard components.



Concrete Placing Boom

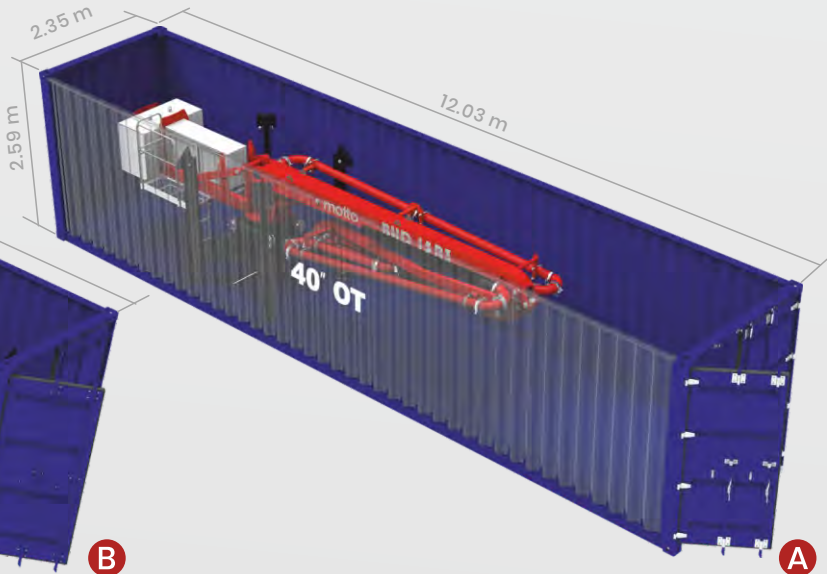
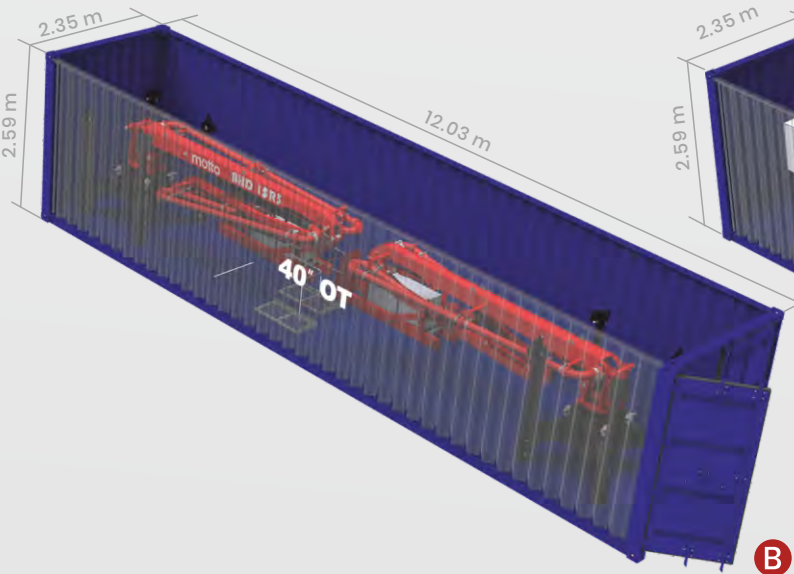
BHD 15R3

Technical Specifications

Reach Diagram



Transportation



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- A** One unit of BHD15R3 is compatible with a 40' OT container.
- B** Two unit of BHD15R3 is compatible with a 40' OT container.

Weight Overview	kg
Boom Section & Ballast Beam	: 2950
Leg Set	: + 1150
	4100

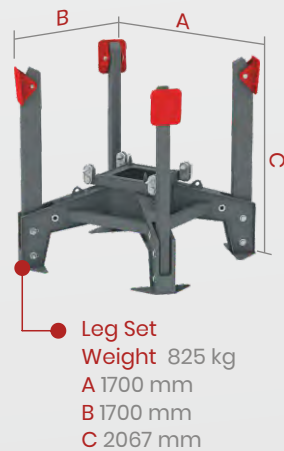
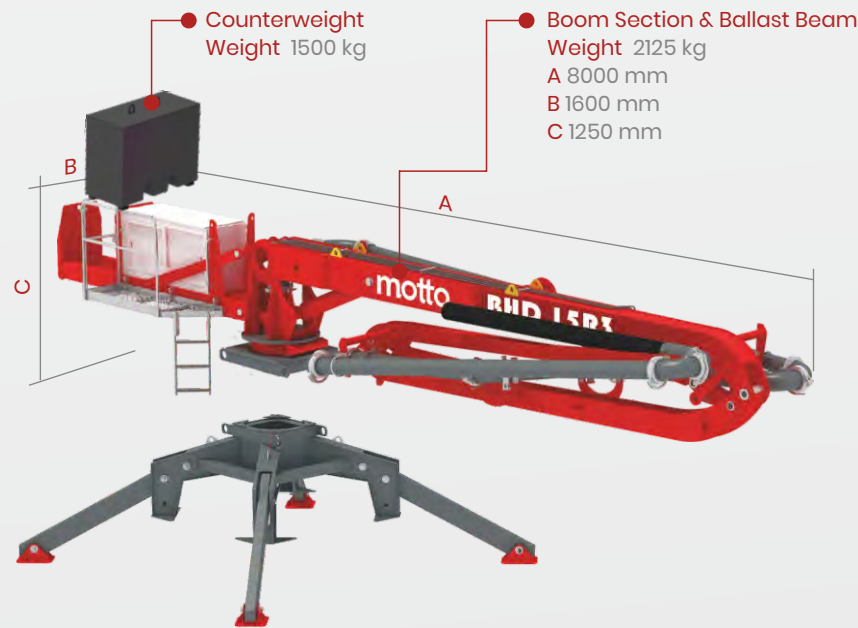
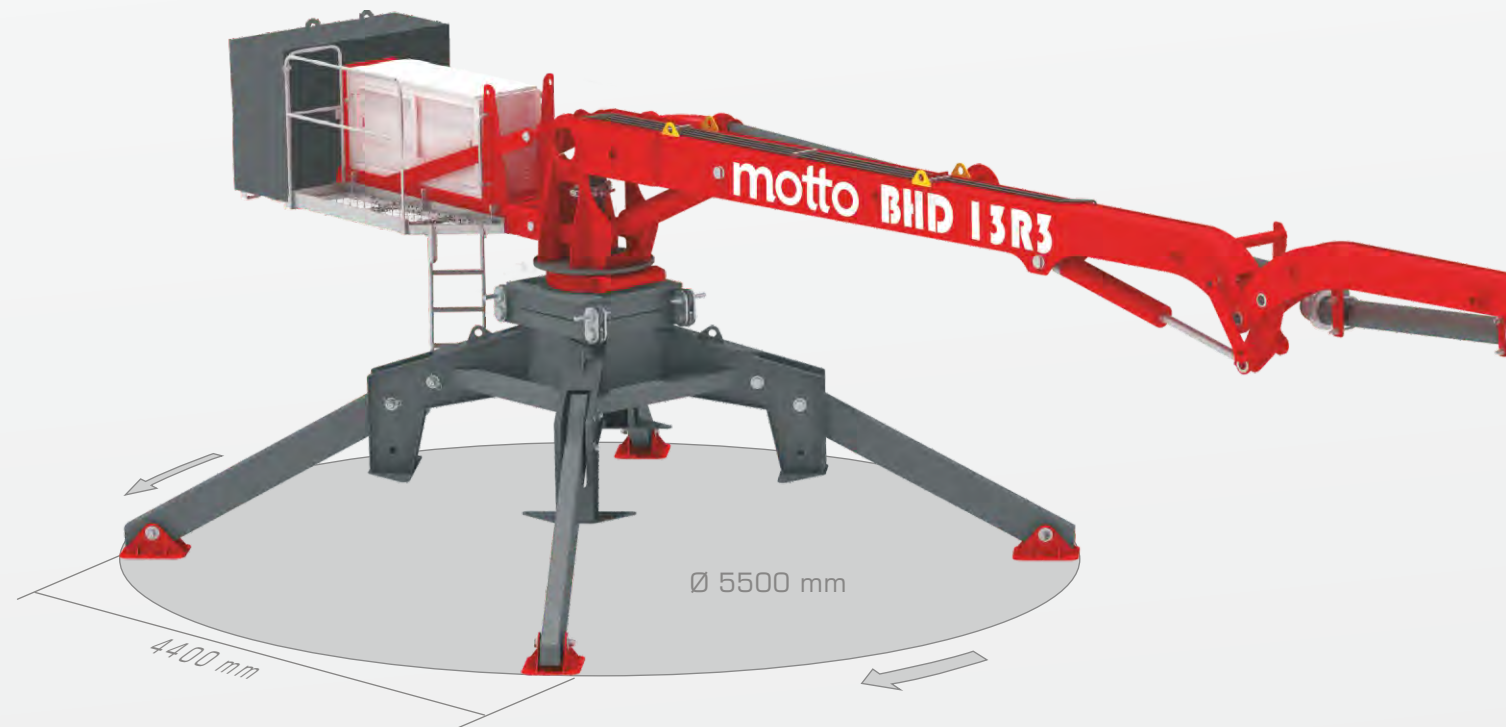
	Counterweight	: 1600
---	---------------	--------

*Specifications are subject to change without notice

- Counterweight Weight 1600 kg
- Boom Section & Ballast Beam Weight 2950 kg
 - A 9500 mm
 - B 1800 mm
 - C 1250 mm
- Leg Set Weight 1150 kg
 - A 2000 mm
 - B 2000 mm
 - C 2317 mm

- Ensuring maximum safety across the entire construction site.
- Minimizing service expenses through the integration of low-maintenance standard components.

Spider Type Placing Booms / BHD 13R3 Technical Specifications

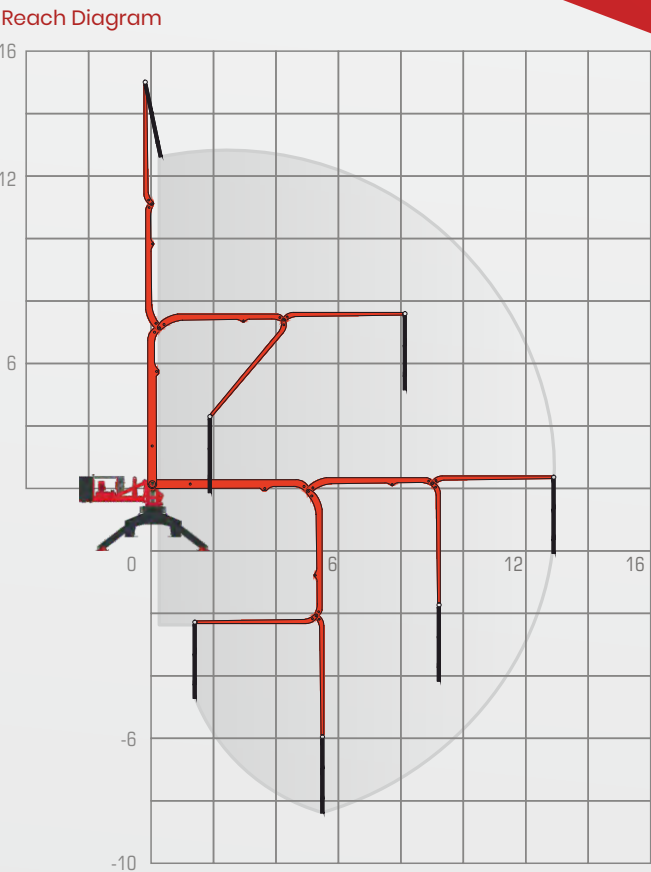


Weight Overview		kg
Boom Section & Ballast Beam	:	2125
Leg Set	: +	825
		2950

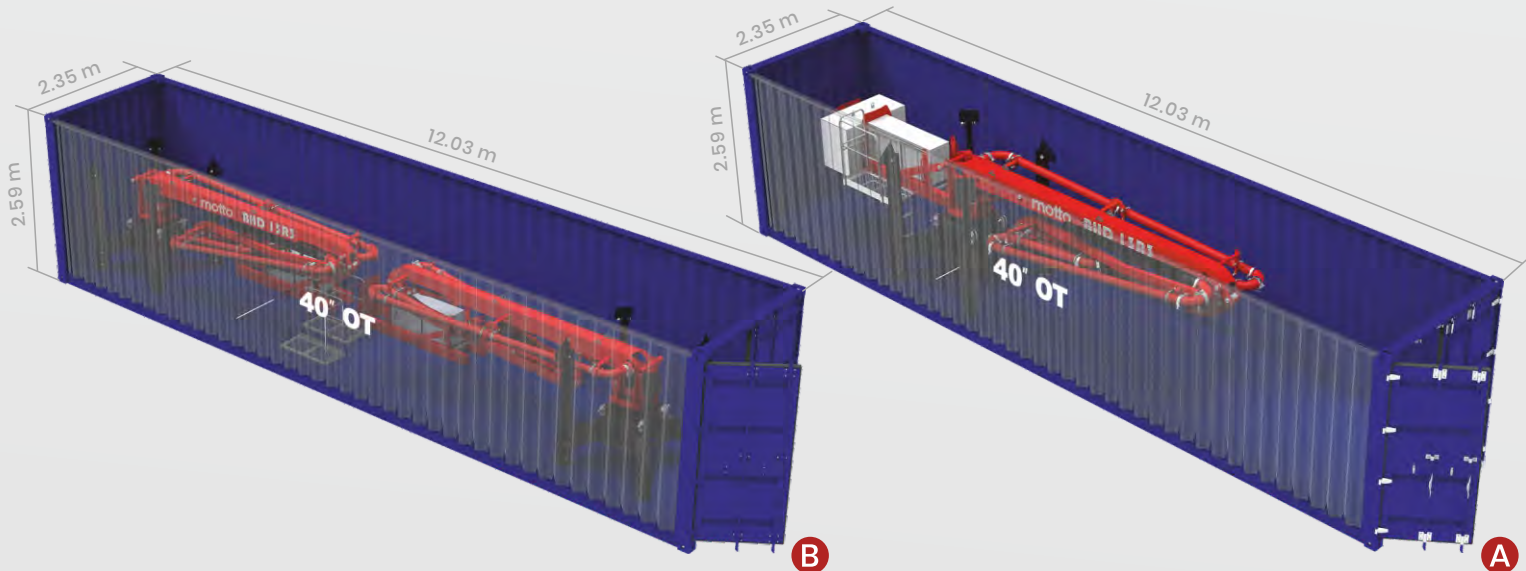
	Counterweight	:	1500
*Specifications are subject to change without notice			

- Ensuring maximum safety across the entire construction site.
- Minimizing service expenses through the integration of low-maintenance standard components.

Concrete Placing Boom
BHD 13R3
Technical Specifications



Transportation



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CRAWLER UNDERCARRIAGE



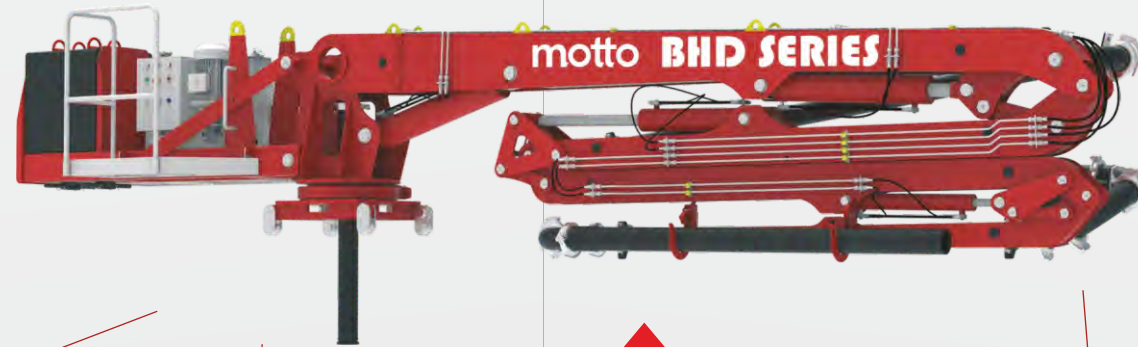
HYDRAULIC OUTRIGGERS



MANUAL OUTRIGGERS



CHASSIS WITH WHEELS



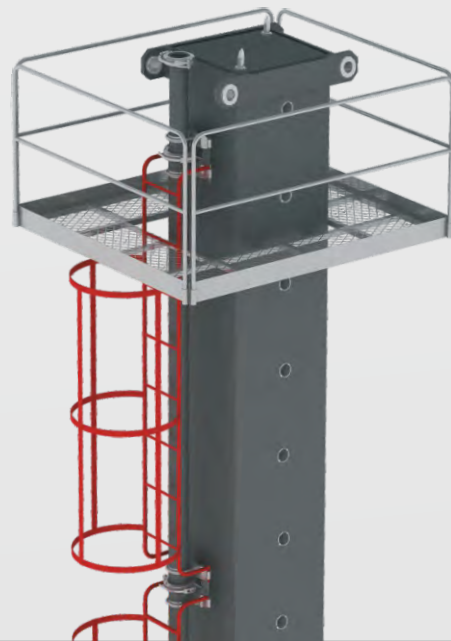
TOWER ADAPTOR
600 x 600 mm



LATTICE TOWER



MAST SECTION
600 x 600 x 6000 mm



Reuse any equipment with
any of our spider models
interchangeable
quick connection system

- BHD 22Z4
- BHD 20R3
- BHD 18R3
- BHD 15R3
- BHD 13R3

PLATFORM ON SLAB / FORMWORK



Spider Type Placing Booms



	Description		Units
Performance	Max. Radius of Placing Boom		m
	Max. Height Working Reach		mm
	Slewing Range		deg.
	Total Weight (without counter weight)		kg
	Counter Weight		kg
	Weight of Heaviest Component		kg
	Electric Power		3 phase
Motor	Power		kW
Hydraulic System	Max System Pressure		MPa
	Flow		cc / rev
	Oil Tank Capacity		ltrs.
	Controls		
	Mast Section		(mm x mm)
Boom	Boom Type		
	Delivery Pipeline Diameter		mm/inch
	Length of End Hose		mm
	1st Section	Length	mm
		Articulation	deg.
	2nd Section	Length	mm
		Articulation	deg.
	3rd Section	Length	mm
		Articulation	deg.
	4th Section	Length	mm
Articulation		deg.	
Climbing (optional)	Climbing Type		
	Internal Climbing Step Distance		mm
	Floor Frame		
	Lift Shaft Dimensions		(mm x mm)

Technical Specifications Data Sheet

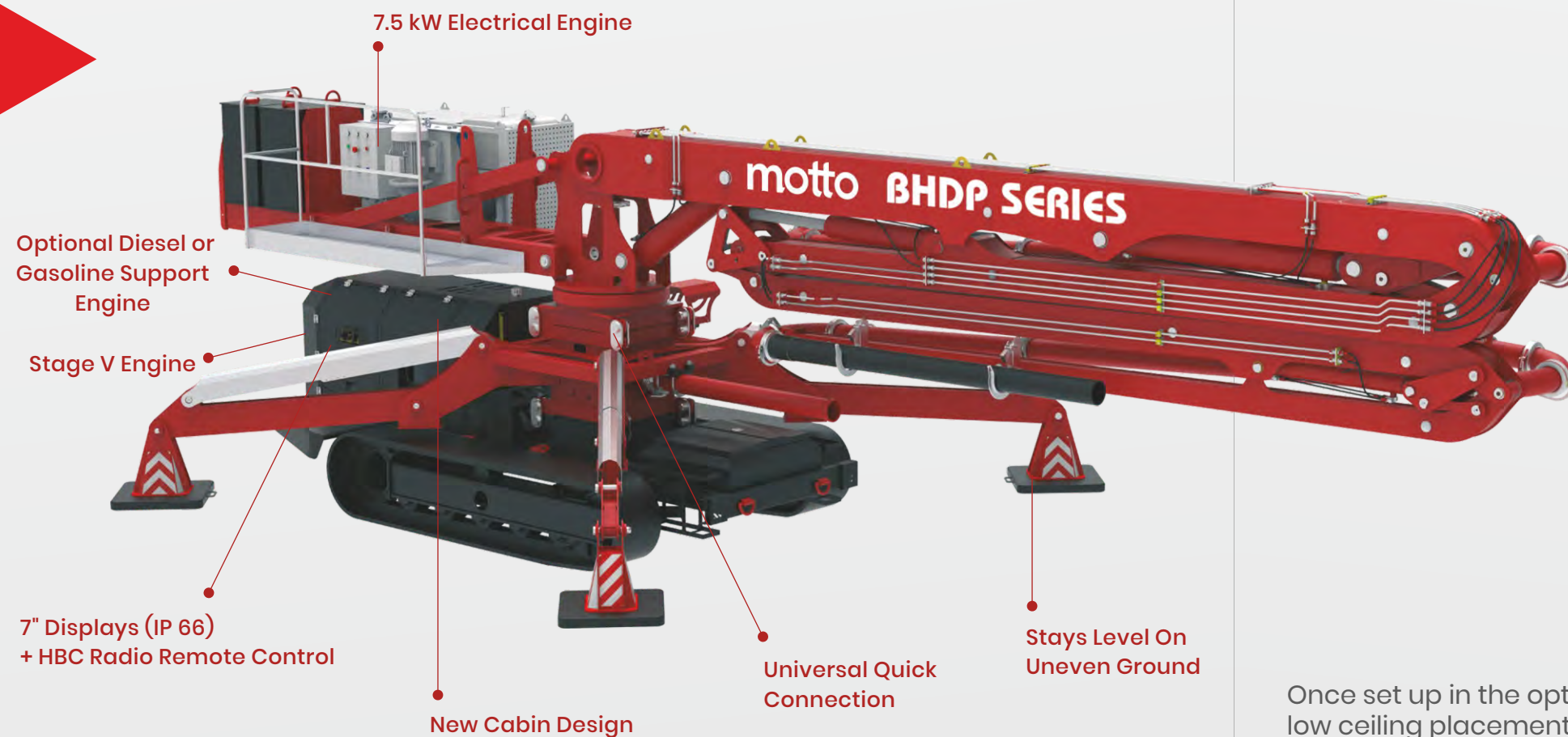
BHD 22Z4	BHD 20R3	BHD 18R3	BHD 15R3	BHD 13R3
22	20	18	15	13
24000	22000	20500	17300	15300
400°	400°	400°	400°	400°
5200	4820	4450	3850	2950
3500	3200	2700	2000	1500
3950	1870	1670	2950	2125
380 V - 460 V 50 - 60 Hz	380 V - 460 V 50 - 60 Hz	380 V - 460 V 50 - 60 Hz	380 V - 460 V 50 - 60 Hz	380 V - 460 V 50 - 60 Hz
7.5	7.5	7.5	7.5	4
30	30	30	30	28
11	11	11	11	8
120	120	120	80	80
Radio Remote Control	Radio Remote Control	Radio Remote Control	Radio Remote Control	Radio Remote Control
600 x 600 x 6000	600 x 600 x 6000	600 x 600 x 6000	600 x 600 x 6000	600 x 600 x 6000
"Z" Type	"R" Type	"R" Type	"R" Type	"R" Type
125/5	125/5	125/5	125/5	125/5
3000	3000	3000	3000	2500
6550	7950	7200	5994.4	5100
0° - 87°	0° - 87°	0° - 87°	0° - 87°	0° - 87°
5280	6000	5350	4495	4100
0° - 180°	0° - 180°	0° - 180°	0° - 180°	0° - 180°
5300	6050	5450	4495	3800
0° - 220°	0° - 205°-	0° - 205°	0° - 205°	0° - 205°
4870	-	-	-	-
0° - 205°	-	-	-	-
Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
600	600	600	600	600
Standard	Standard	Standard	Standard	Standard
800 x 800	800 x 800	800 x 800	800 x 800	800 x 800

*Specifications are subject to change without notice

motto

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BHDP Series



Crawler Type Placing Booms

The crawler type placing booms are our most advanced mobile equipment solution. It combines all the industry-leading features of the spider booms with a crawler undercarriage which can move the unit anywhere without the need of cranes. By extending the angular ranges of motion, the end hose can be located adjacent to the machine while maintaining its minimum-ceiling height requirement. Placement dead zones are eliminated, allowing for the maximum placement footprint possible for every setup location. With the unmatched mobility of the crawler tracks, this spider can routinely get into jobsite locations and positions a 20-meter class boom truck can only dream of. It easily stays balanced on uneven surfaces and continues concrete delivery without interruption.



BHDP 22Z4



BHDP 18RZ4



BHDP 18Z4



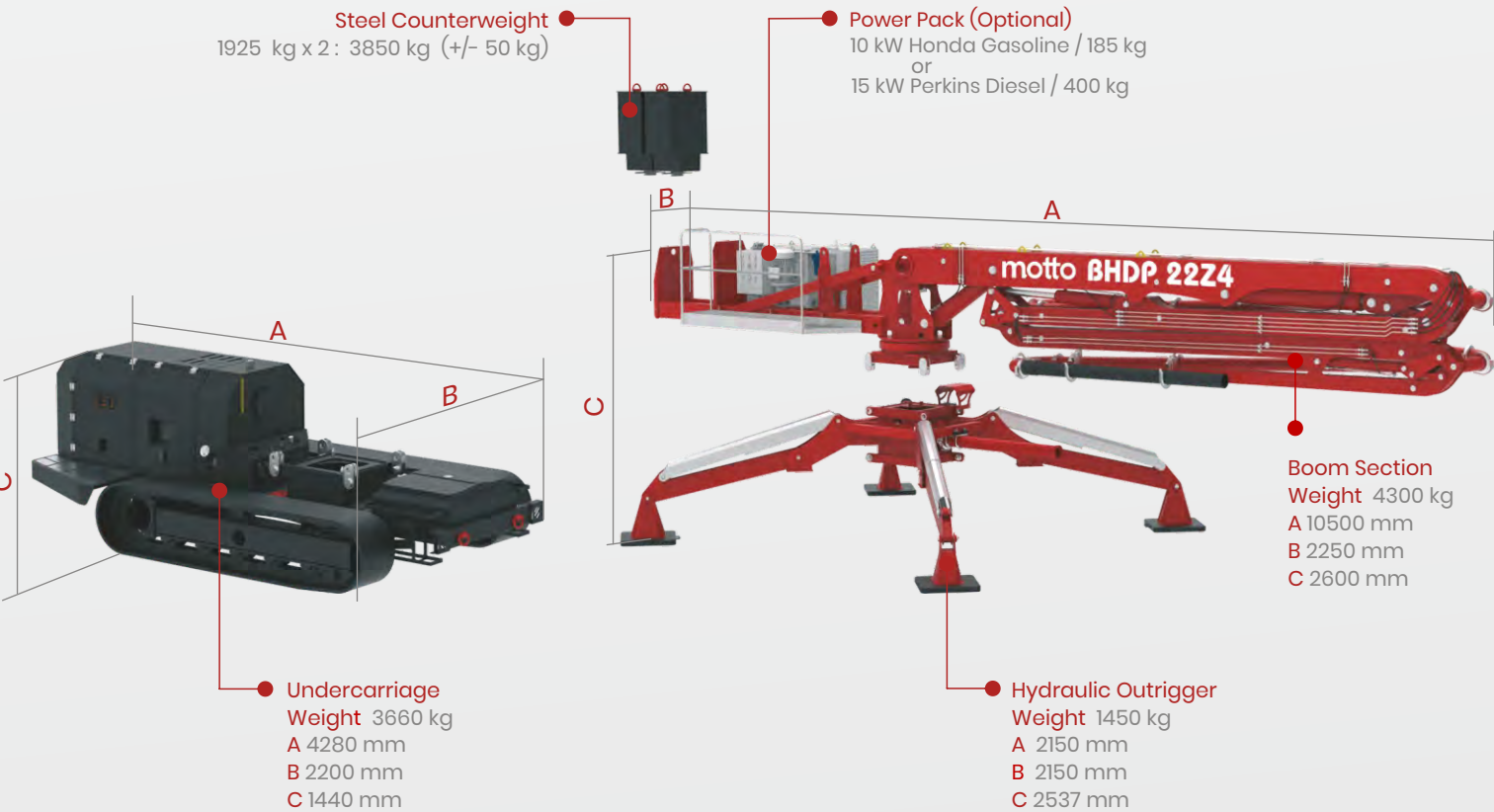
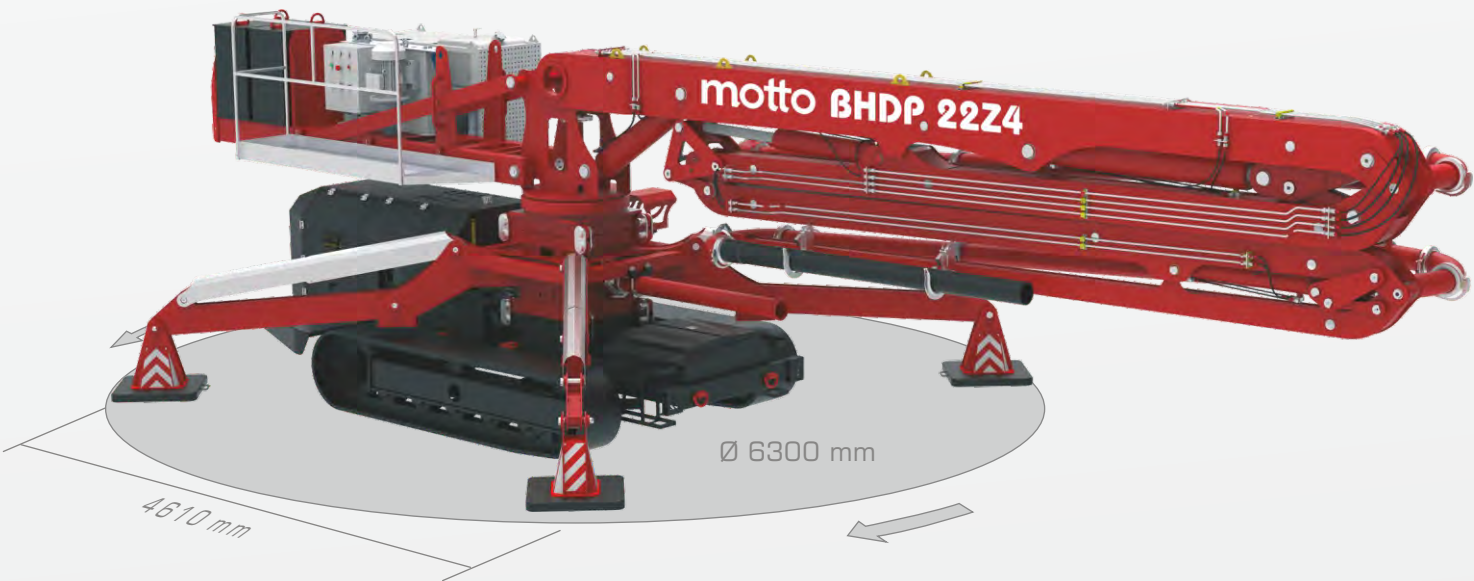
BHDP 16Z4

Once set up in the optimal spot, this machine also covers the greatest pour area of any low ceiling placement machine due to its longer reach, versatile boom, and compact footprint. The low price tag, low maintenance costs, and versatility make the crawler type placing booms a cost-efficient option for many applications.

Hitch your favorite trailer pump to the unit and create a cost-effective pump & placement system that's ideal for linear applications like continuous walls and underground tunnels. Or use its mobility to cover all your pre-cast facility pours.

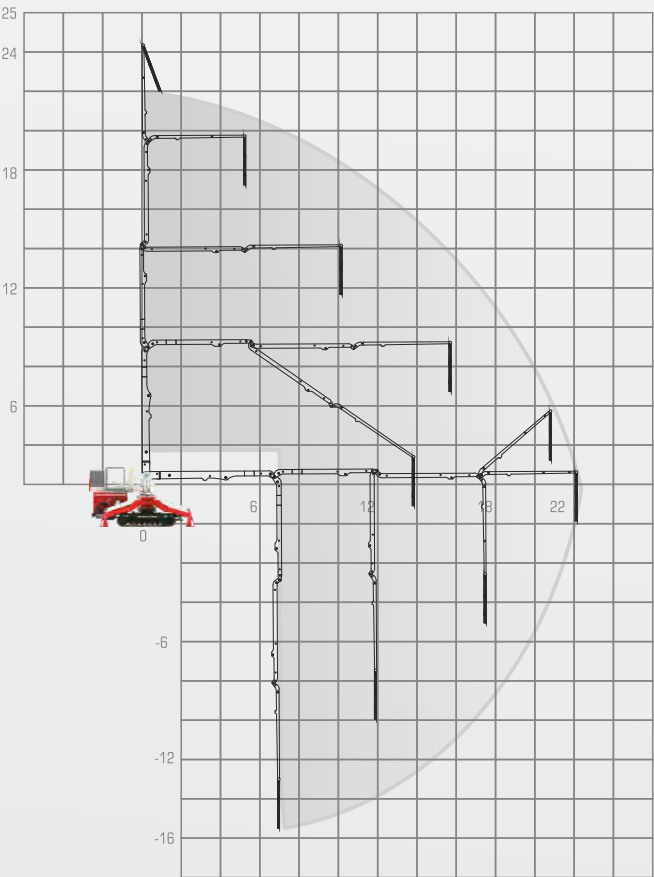
Our engineers perfected the crawler concrete distributor design over the years thanks to feedback from major tunnel and metro projects all around the World. The new design is 500 kilograms lighter without sacrificing structural integrity. Quality of Life upgrades have been implemented like a new touch screen and a new cabin to access internal parts easily for user-friendliness. The crawler type booms have the flexibility to quickly transform into a stand-alone placing unit that is lifted into place and operates on non-tracked applications like high-rise pours. Incredibly versatile and efficient, the Crawler series is the ultimate solution.

Crawler Type Placing Booms / BHDP 22Z4 Technical Specifications



Crawler Type Placing Boom
BHDP 22Z4
Technical Specifications

Reach Diagram



Weight	kg
Undercarriage	: 3660
Bom Section	: 4300
Leg Set	: +1450
	<u>9410</u>

Counterweight
2 x 1925 : 3850

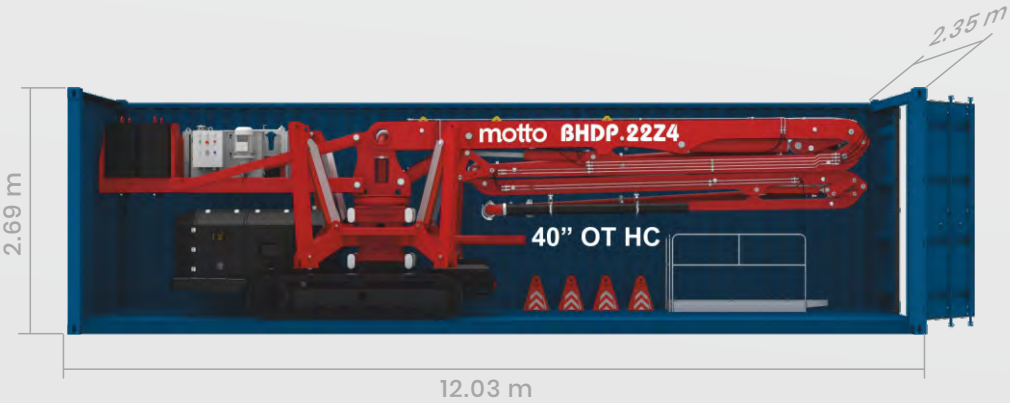
* Diesel power pack 400 kg
** Gasoline power pack 185 kg

*** Specifications are subject to change without notice

→ 2 x 2 m

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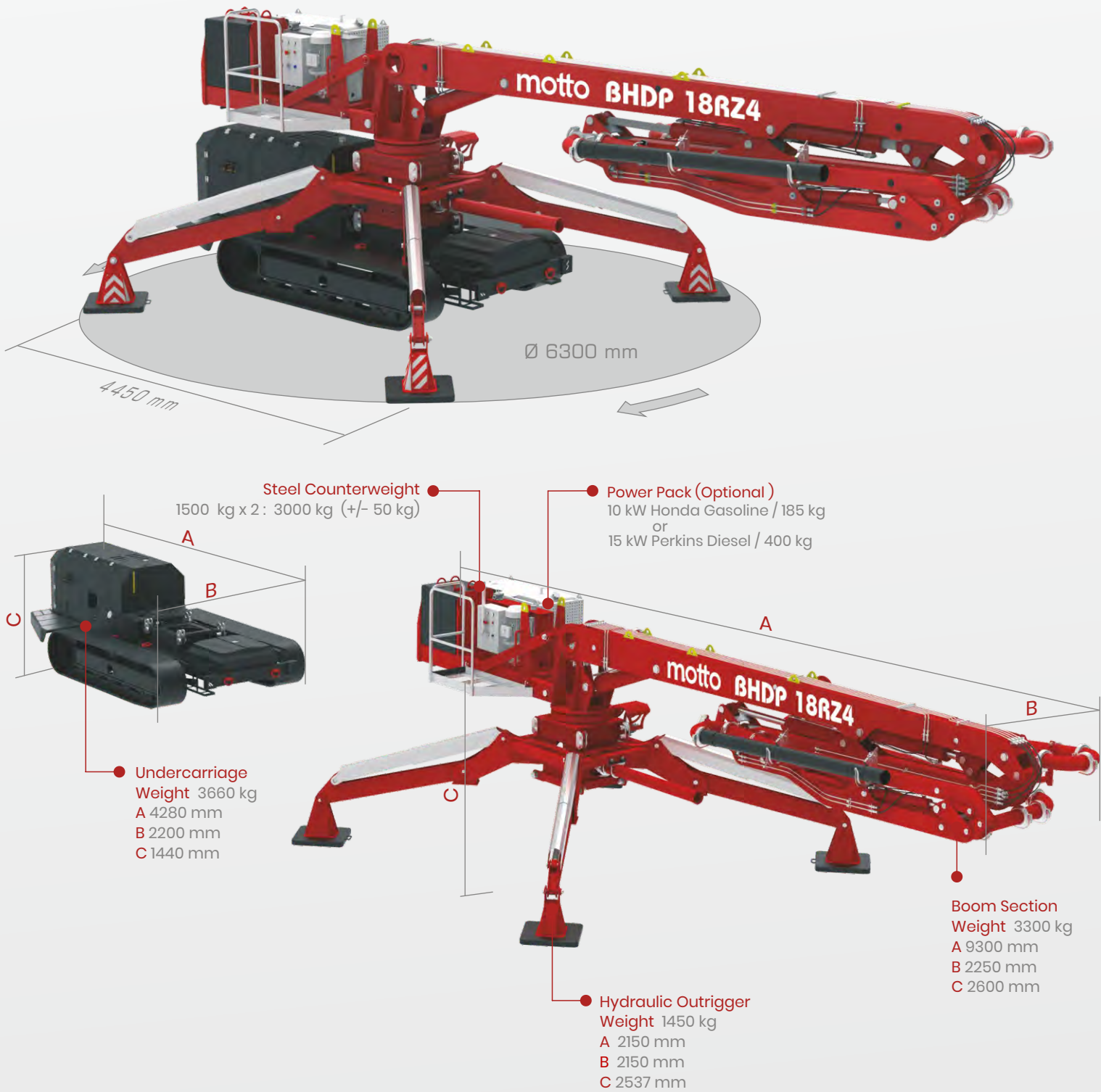
Transportation



One unit of BHDP 22Z4 is compatible with a 40" OT HC container.

- Ensuring maximum safety across the entire construction site.
- Minimizing service expenses through the integration of low-maintenance standard components.

Crawler Type Placing Booms / BHDP 18RZ4 Technical Specifications

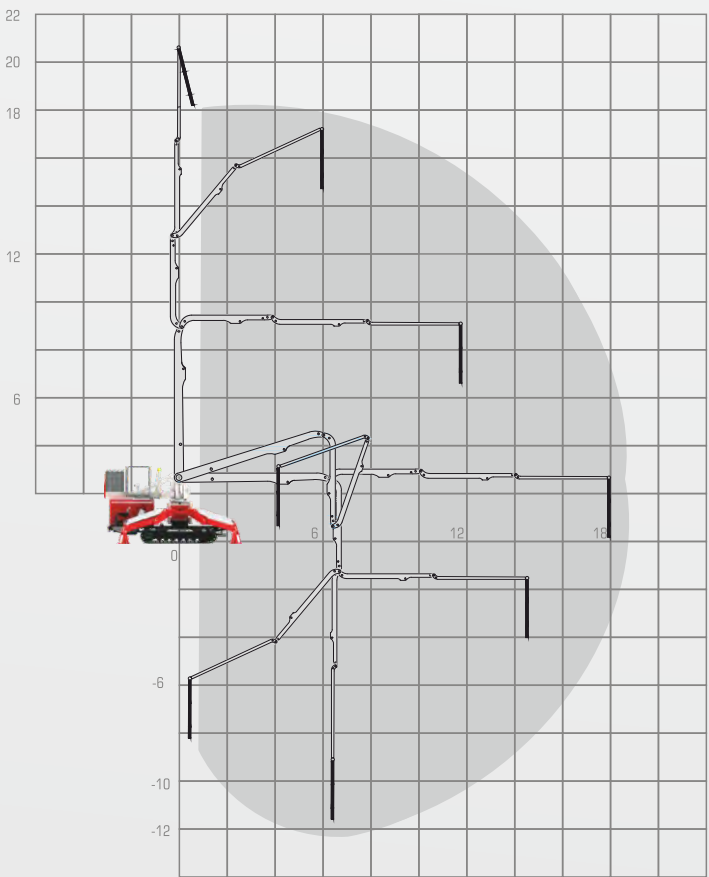


Crawler Type Placing Boom

BHDP 18RZ4

Technical Specifications

Reach Diagram



Weight	kg
Undercarriage	: 3660
Bom Section	: 3300
Leg Set	: +1450
	<u>8410</u>

Counterweight	
2 x 1500	: 3000

* Diesel power pack 400 kg

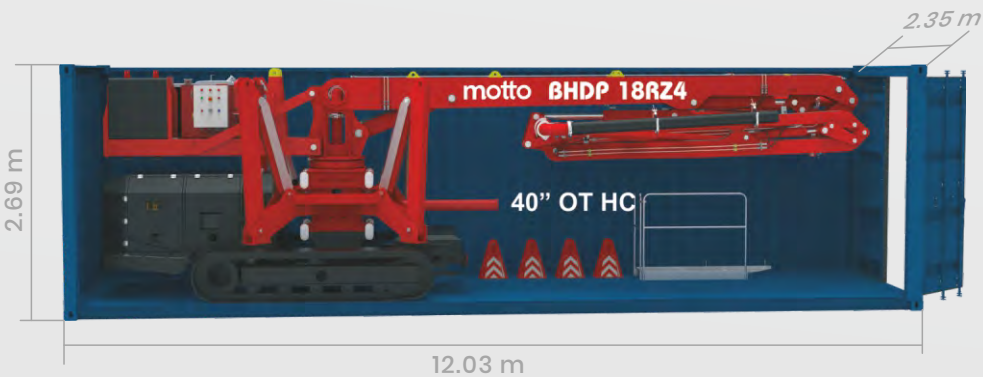
** Gasoline power pack 185 kg

*** Specifications are subject to change without notice

→  → 2 x 2 m

motto
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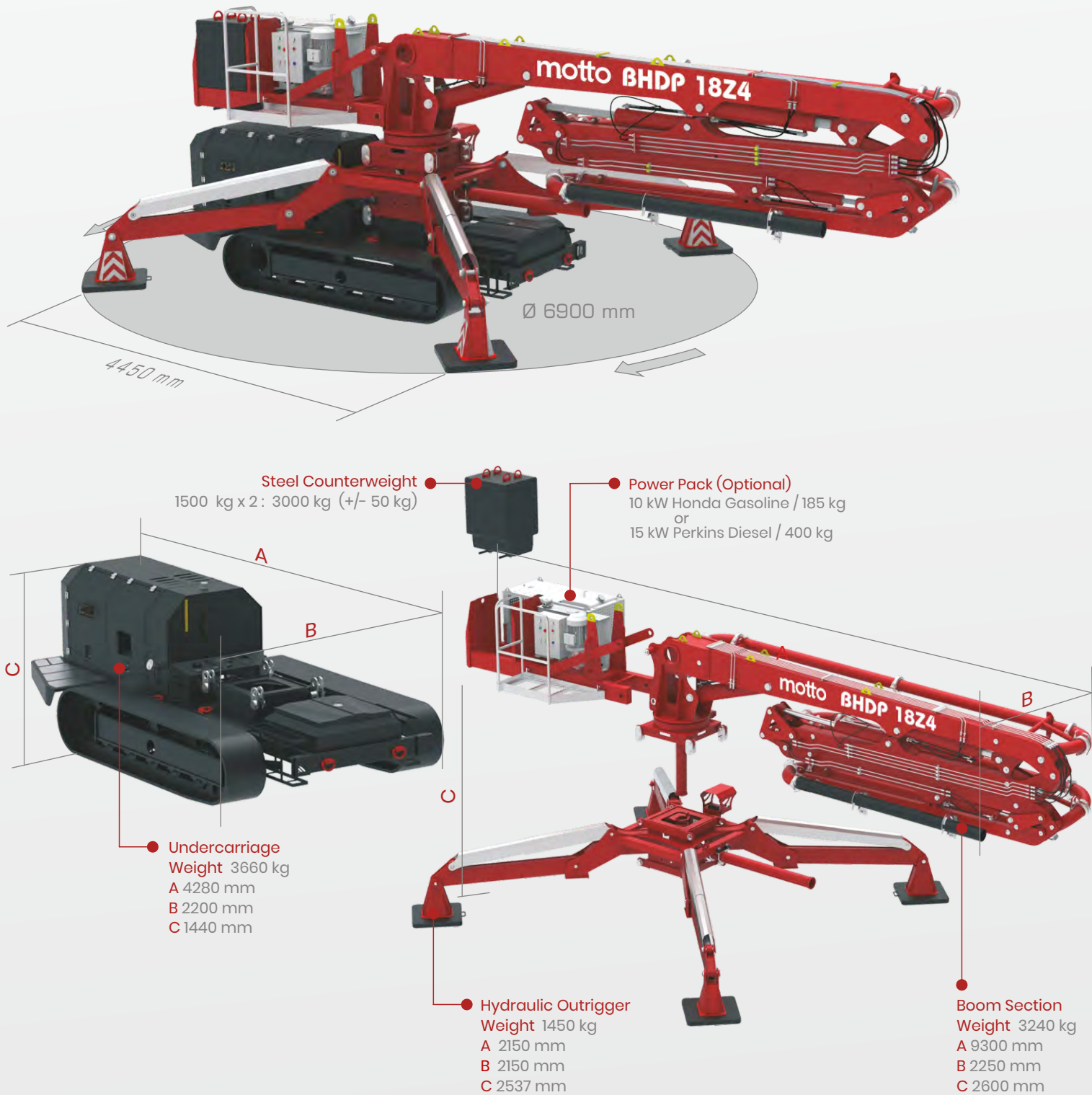
Transportation



One unit of BHDP 22Z4 is compatible with a 40' OT HC container.

- Ensuring maximum safety across the entire construction site.
- Minimizing service expenses through the integration of low-maintenance standard components.

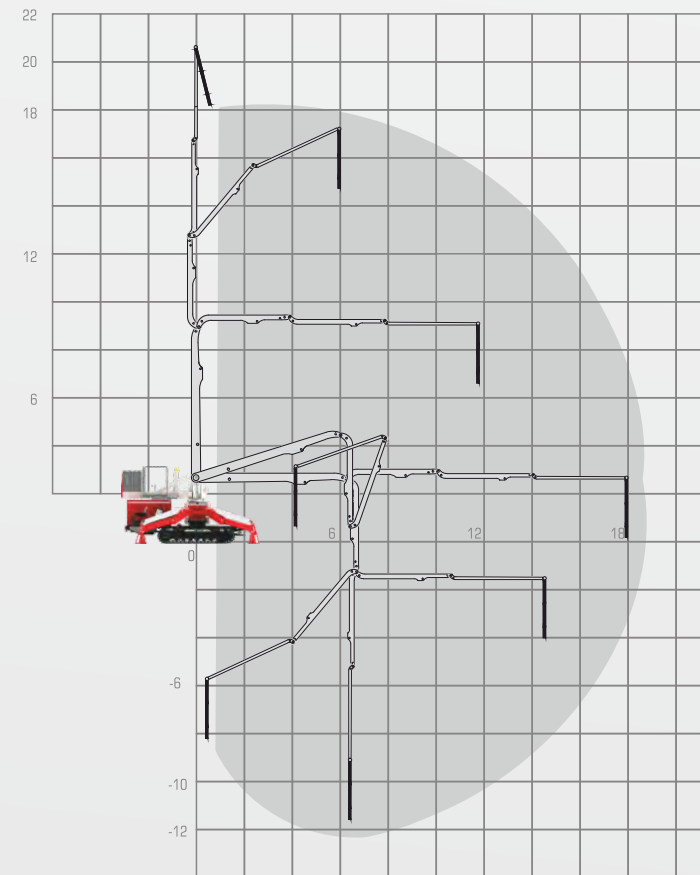
Crawler Type Placing Booms / BHDP 18Z4 Technical Specifications



- Ensuring maximum safety across the entire construction site.
- Minimizing service expenses through the integration of low-maintenance standard components.

Crawler Type Placing Boom
BHDP 18Z4
Technical Specifications

Reach Diagram



Weight	kg
Undercarriage	: 3660
Bom Section	: 3300
Leg Set	: +1450
	<u>8410</u>

Counterweight	
2 x 1500	: 3000

* Diesel power pack 400 kg

** Gasoline power pack 185 kg

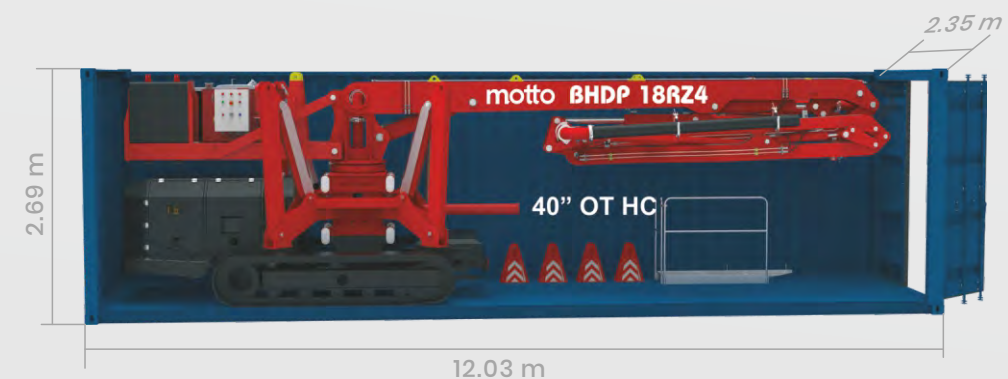
*** Specifications are subject to change without notice

→ 2 x 2 m



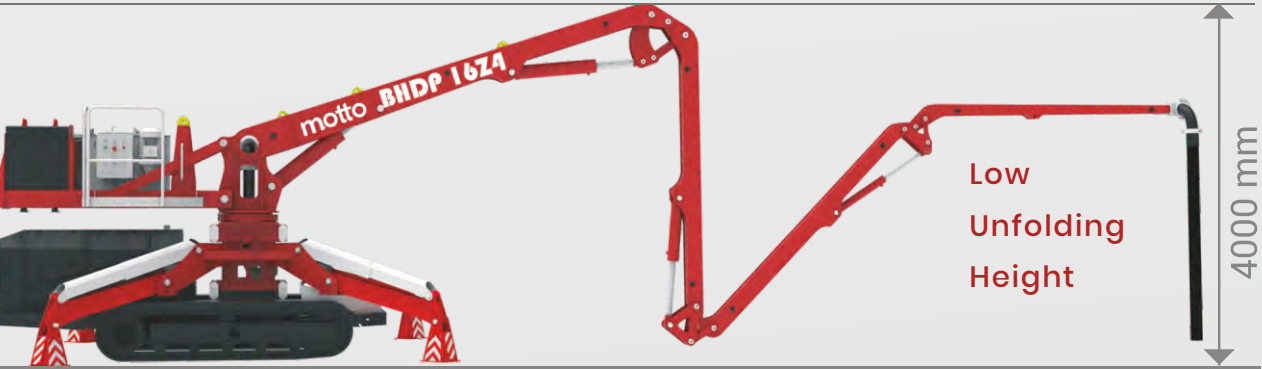
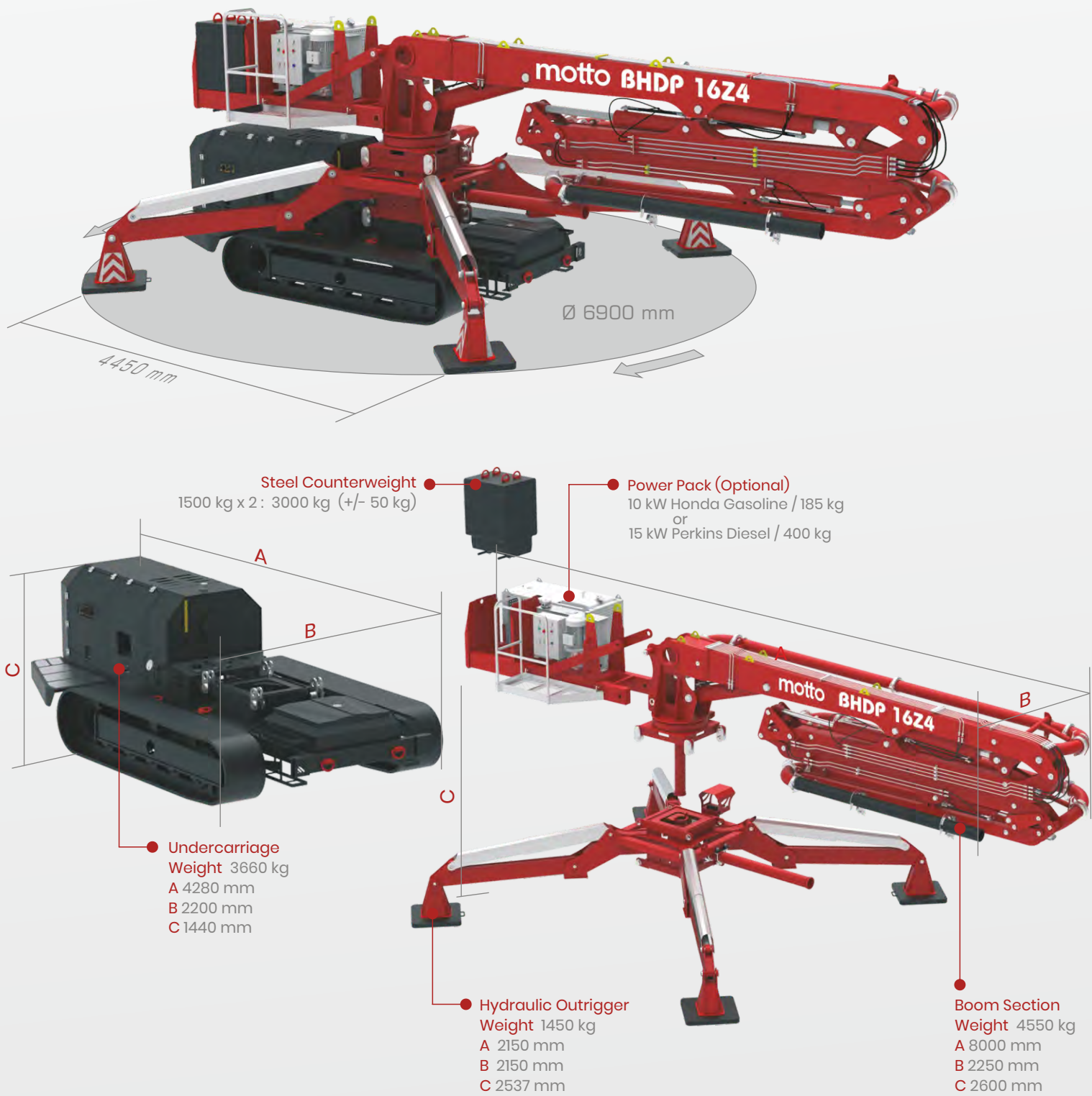
motto
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Transportation



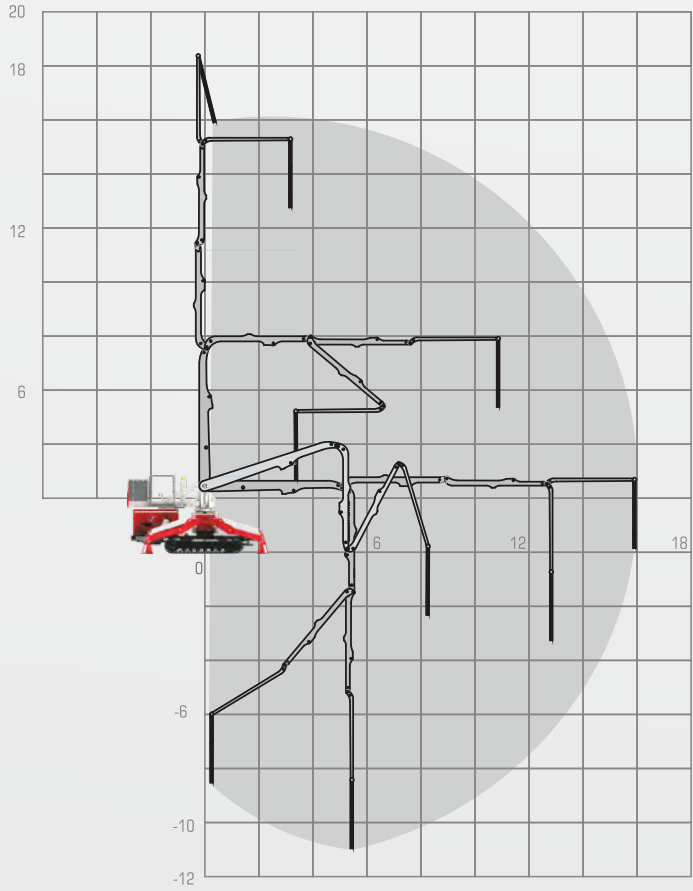
One unit of BHDP 22Z4 is compatible with a 40' OT HC container.

Crawler Type Placing Booms / BHDP 16Z4 Technical Specifications



Crawler Type Placing Boom
BHDP 16Z4
Technical Specifications

Reach Diagram



Weight	kg
Undercarriage	: 3660
Bom Section	: 3100
Leg Set	: +1450
	<u>8210</u>

Counterweight
2 x 1500 : 3000

* Diesel power pack 400 kg

** Gasoline power pack 185 kg

*** Specifications are subject to change without notice

→ 2 x 2 m

motto
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Transportation



One unit of BHDP 22Z4 is compatible with a 40" OT HC container.

- Ensuring maximum safety across the entire construction site.
- Minimizing service expenses through the integration of low-maintenance standard components.

Crawler Type Spider Booms

BHDP 22Z4



BHDP 18RZ4



BHDP 18Z4



BHDP 16Z4



Max.Radius of Placing Boom	m	
Vertical Reach From Ground	m	
Depth Of Reach	m	
Max.Height Working Reach	mm	
Slewing Range (max)	deg.	
Total Weight (Without counter weigtght)	kg	
Counter Weight	kg	
Weight of Heaviest Component	kg	
Electric Power *Depending on countries	3 phase	
Power	kW	
Max System Pressure	Mpa	
Flow	cc / rev	
Oil Tank capacity	ltrs	
Controls		
Delivery Pipeline Diameter	mm	
Length Of End Hose	mm	
Rotation Range	deg.	
Maximum Grade	deg.	
Engine		
1st Boom Section	Length	mm
	Opening Angle	deg.
2nd Boom Section	Length	mm
	Opening Angle	deg.
3rd Boom Section	Length	mm
	Opening Angle	deg.
4th Boom Section	Length	mm
	Opening Angle	deg.

Technical Specifications Data Sheet

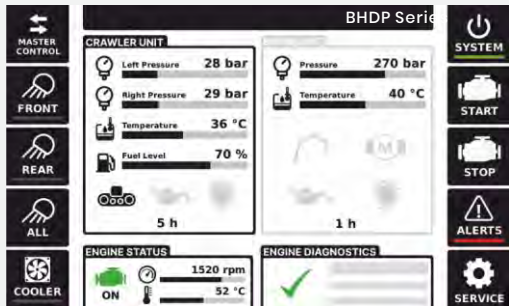
BHDP 22Z4	BHDP 18RZ4	BHDP 18Z4	BHDP 16Z4
22	18	18	16
24.5	20.5	20.5	18.5
15.5	13	13	11
26000	20500	20500	18000
400°	400°	400°	400°
10860	9860	9700	9560
3850	2700	2700	2700
5750	4750	4500	4450
380 V - 460 V	380 V - 460 V	380 V - 460 V	380 V - 460 V
50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz
7.5	7.5	7.5	7.5
30	30	30	30
11	11	11	11
120	120	120	120
7" Touch Screen (IP 66) + HBC Radio Remote Control	7" Touch Screen (IP 66) + HBC Radio Remote Control	7" Touch Screen (IP 66) + HBC Radio Remote Control	7" Touch Screen (IP 66) + HBC Radio Remote Control
125	125	125	125
3000	3000	3000	3000
400°	400°	400°	400°
25°	25°	25°	25°
Stage V	Stage V	Stage V	Stage V
6550	6350	6050	5150
0° - 87°	0° - 87°	0° - 87°	0° - 87°
5280	3850	4120	3650
0° - 180°	0° - 180°	0° - 180°	0° - 180°
5300	3850	4120	3650
0° - 220°	0° - 220°	0° - 220°	0° - 220°
4870	3950	3710	3550
0° - 205°	0° - 205°	0° - 205°	0° - 205°

*Specifications are subject to change without notice

In-House Software

Development. Setting Ourselves Apart

We set ourselves apart by developing our software in-house with our team of software engineers. This strategy minimizes our dependence on external sources and enables us to provide effective solutions to all issues.



All in One
Allows you to observe all relevant information and potential errors simultaneously on a single page.

The engine operation status, crawler status, and operational data, along with boom status, can be easily monitored from a single page.

Alert Page
Any potential sensor, valve, or engine failures occurring in the machine are displayed on the screen, allowing the operator to intervene easily and quickly (easy diagnostic)

	ALERTS	
	Crawler left forward valve fault	
	Crawler left reverse valve fault	
	Crawler right forward valve fault	
	Crawler right reverse valve fault	
	Boom ECU communication fault	
	Display communication fault	
	Crawler radio controller communication fault	
	Engine communication fault	
	Crawler high pressure sensor fault	
	Crawler right pressure sensor fault	

	BOOM SPEED SETTINGS	
←	Turret CW Rotation MIN 30 % MAX 100 %	→
MIN	Turret CCW Rotation MIN 40 % MAX 100 %	+
	Arm 1 Unfold → MIN 30 % MAX 100 %	
MAX	Arm 1 Fold MIN 40 % MAX 100 %	-
	Arm 2 Unfold MIN 30 % MAX 100 %	
	Arm 2 Fold MIN 30 % MAX 100 %	
↑	Arm 3 Unfold MIN 20 % MAX 90 %	↺
	Arm 3 Fold MIN 20 % MAX 90 %	
	Arm 4 Unfold MIN 20 % MAX 90 %	
↓	Arm 4 Fold MIN 20 % MAX 90 %	↻

	BOOM DIRECTION SETTINGS	
←	Turret Clockwise Direction	
	→ Arm 1 Unfold Direction ✓	
	Arm 2 Unfold Direction	
	Arm 3 Unfold Direction	
	Arm 4 Unfold Direction	
↑		↺
↓		↻

	CRAWLER CALIBRATION	
←	Forward Left → MIN 20 % MAX 100 %	→
MIN	Forward Right 0 mA % 0 MIN 20 % MAX 100 %	+
	Backward Left 0 mA % 0 MIN 20 % MAX 100 %	-
MAX	Backward Right 0 mA % 0 MIN 20 % MAX 100 %	
↑		
↓		↻

Settings Page
The user-friendly settings interface provides operators with the flexibility to adjust boom speeds within both minimum and maximum limits, perform pallet calibration, and fine-tune speed settings, all while the equipment is in operation.

This intuitive interface not only simplifies the adjustment process but also enables operators to tailor the equipment's performance to the specific requirements of the job site, ensuring optimal efficiency and safety throughout the concrete pouring process.

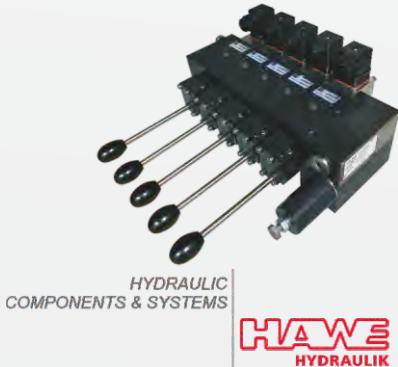
By allowing real-time adjustments to be made seamlessly, this feature enhances overall productivity and helps achieve superior results in concrete pouring.

Our Solution Partners

for the Crawler Type Placing Booms



STEEL
MY INNER
STRENX
SSAB
STRENX



HYDRAULIC
COMPONENTS & SYSTEMS
HAWES
HYDRAULIK



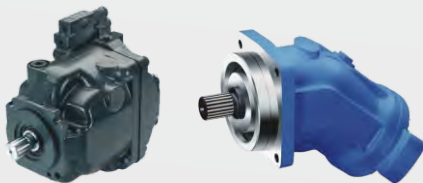
INDUSTRIAL DIESEL ENGINE
Perkins



RADIO REMOTE CONTROL
HELICOM



UNDERCARRIAGE
STRICKLAND



HYDRAULIC PUMP
Danfoss
Rexroth
Bosch Group



ELECTRICAL ENGINE
GAMAK
Hayata Enerji Veren Güç

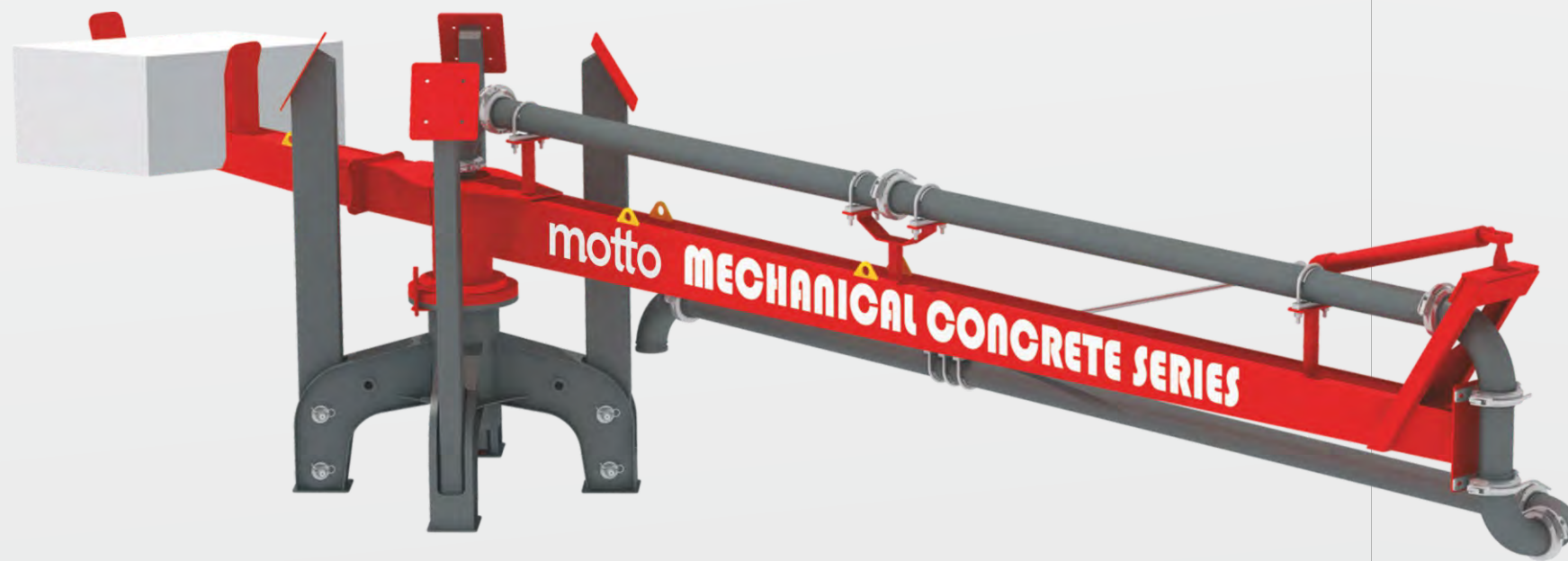


ELECTRICITY
Schneider
Electric

motto

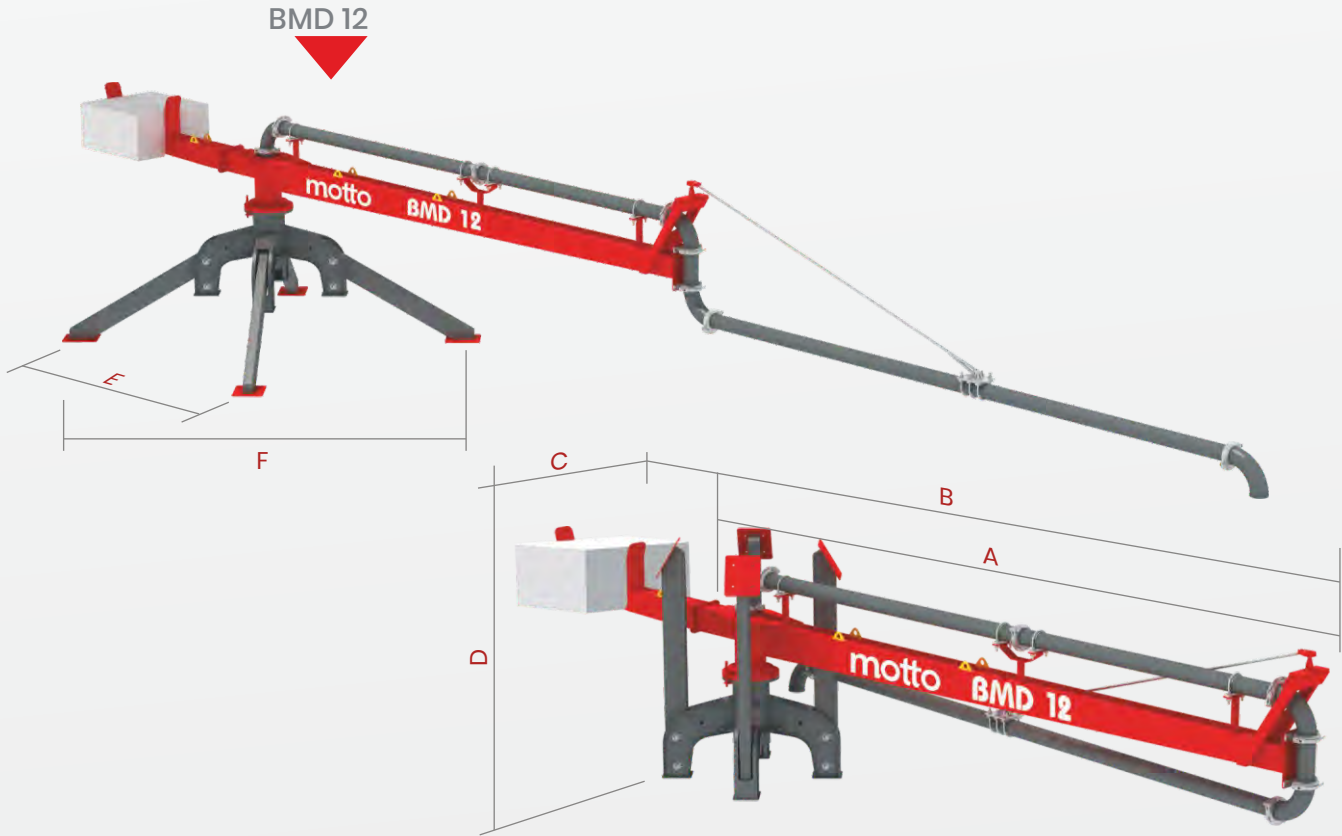
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BMD Series



Mechanical Concrete Distributors

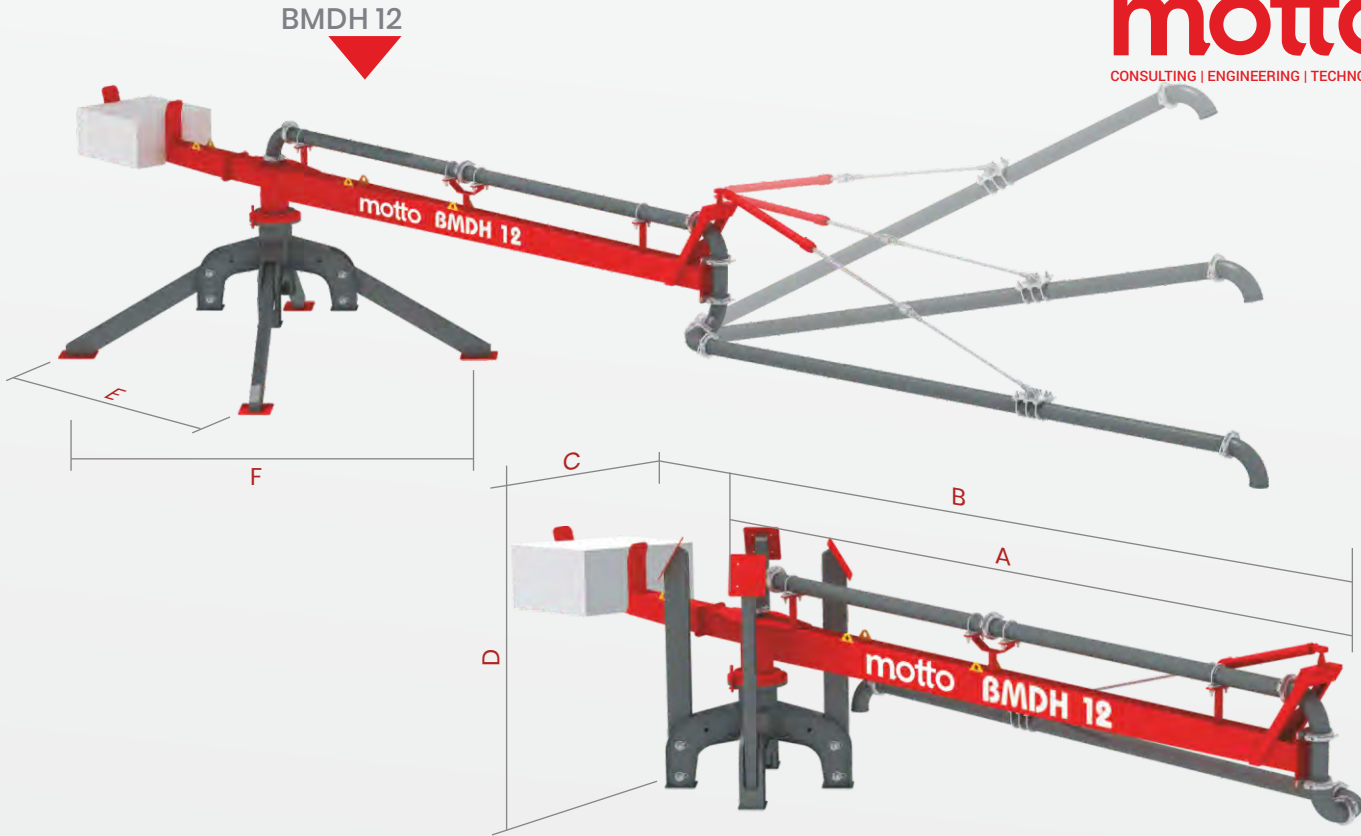
The cost-effective model for simpler jobs. Our manual concrete distributors are used on horizontal ground, especially for floor concrete casting. Low maintenance, easy installation, lightweight, low price. . It doesn't require electricity. It is an economical solution and is efficient for column and floor concreting and saves significant concreting process time.



BMD

	Dimensions mm						Weight kg		Max. Radius of Placing Boom mm
	A	B	C	D	E	F	Boom Section	Counter	
BMD 12	6750	8850	1500	2100	2900	4000	1350	1100	12000
BMD 14	8400	10800	1500	2100	3050	4400	1450	1300	14000

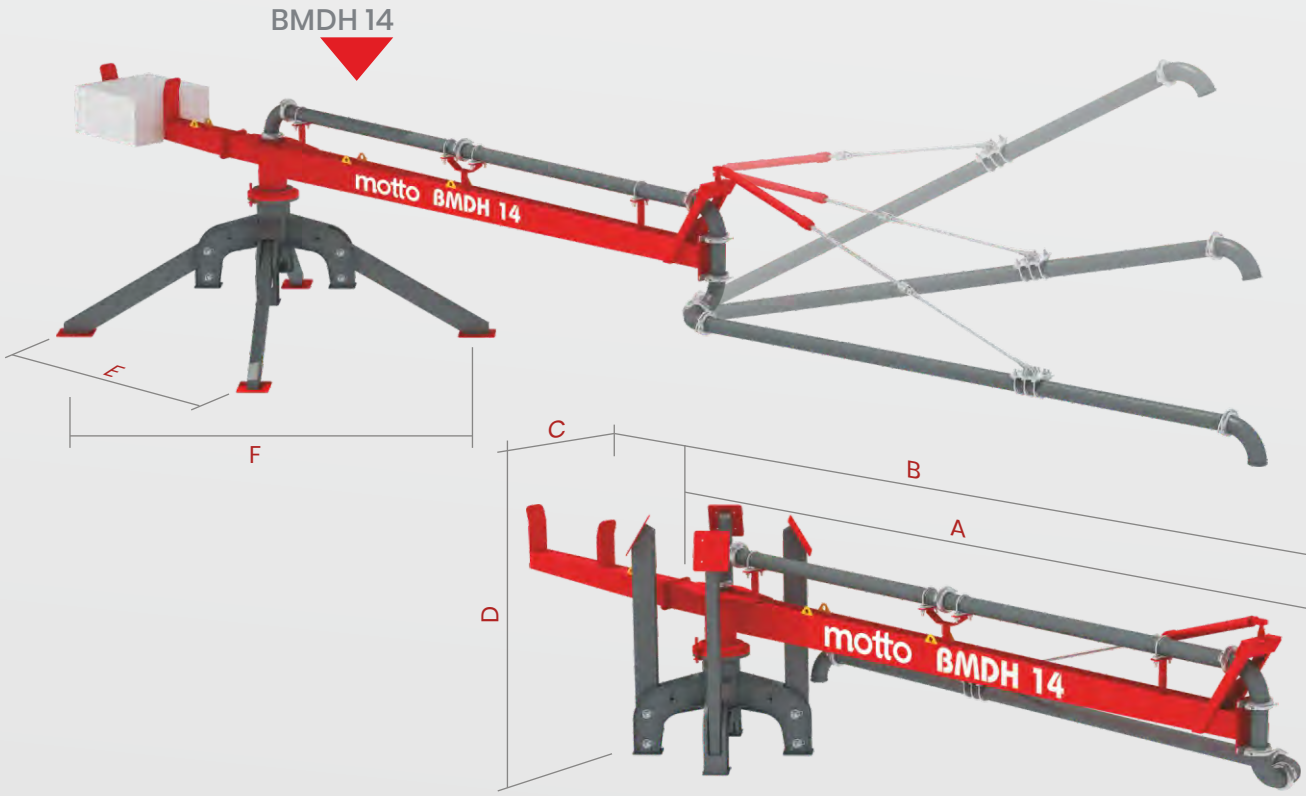
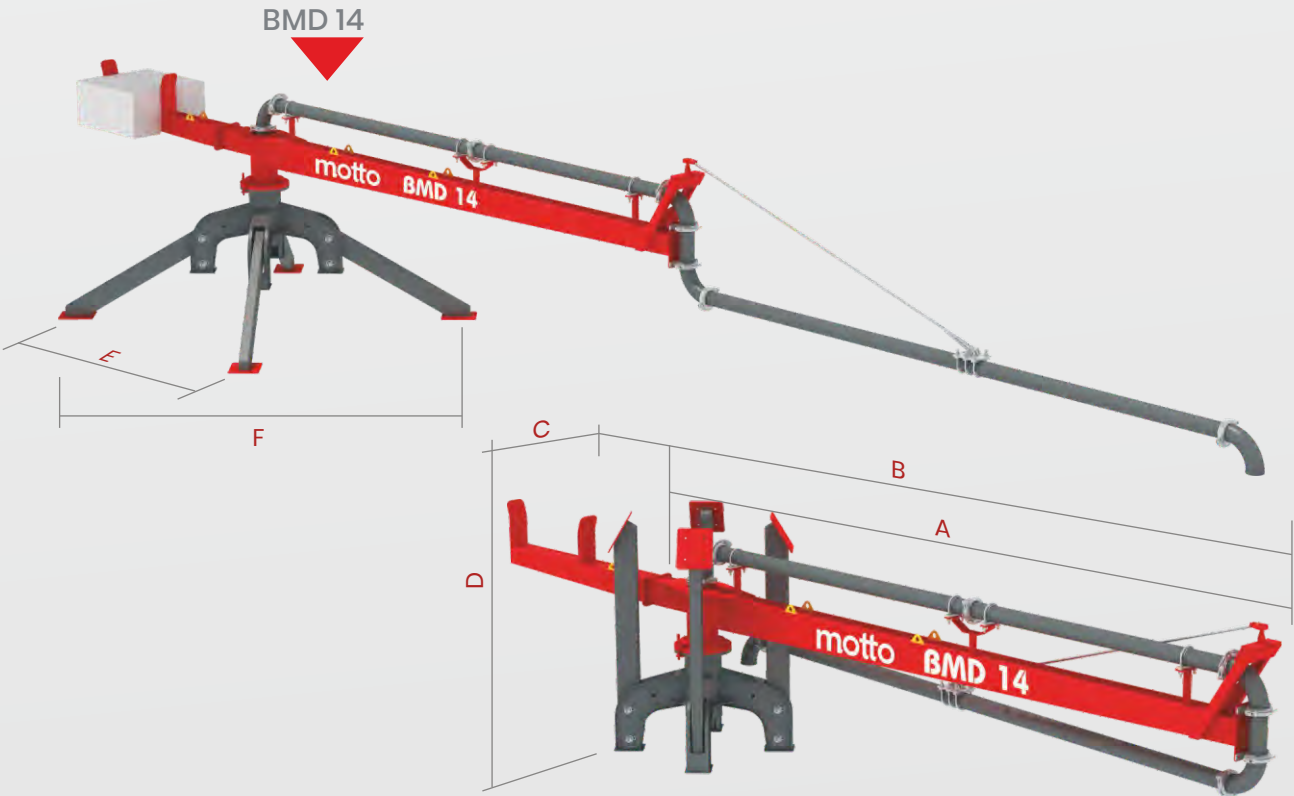
*Specifications are subject to change without notice



BMDH

	Dimensions mm						Weight kg		Max. Radius of Placing Boom mm
	A	B	C	D	E	F	Boom Section	Counter	
BMDH 12	6750	8850	1500	2100	2900	4000	1450	1100	12000
BMDH 14	8400	10800	1500	2100	3050	4400	1550	1300	14000

*Specifications are subject to change without notice



BMS Series & Equipments

Rise to the top



Boom Mast Series

Boom mast series are in standard lengths of 3 m, 6 m and 9 m. Hydraulically driven climbing device integrated in the mast column profile pushes the mast column gradually upwards.

The BMS mast series includes piping with DN 125 concrete deliverylines. BHD self climbing type concrete placing booms climb automatically - via a raising cylinder.

BMS 85P



Pin Type System

850 x 850 x 9000 mm

BMS 75P



Pin Type System

750 x 750 x 9000 mm
750 x 750 x 6000 mm

BMS 75B



Bolted Type System

750 x 750 x 9000 mm
750 x 750 x 6000 mm

BMS 60B



Bolted Type System

600 x 600 x 6000 mm
600 x 600 x 3000 mm

BMS 60Q



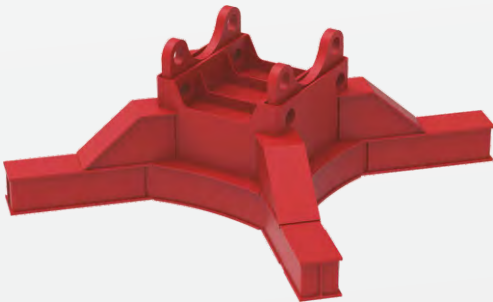
Quick Connection System
(Compatible with BMS 60B & BMS 75B)

750 x 750 x 9000 mm
750 x 750 x 6000 mm
600 x 600 x 6000 mm
600 x 600 x 3000 mm

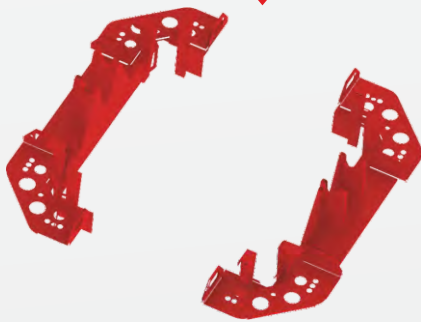
BMS Series Mounting Options

- * Mounting on framework
- * Mounting on external framework
- * Mounting on Lattice Tower
- * Free Standing
- * Slab Supported

GROUND CONNECTION
Suitable for BMS 85 & 75
Pin Type Mast Systems



FLOOR FRAME
850 x 850 mm



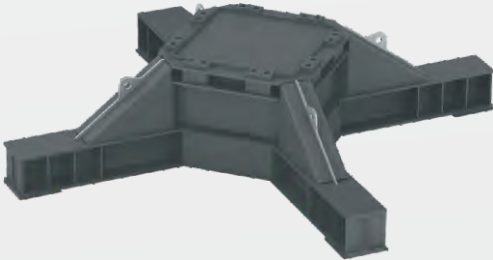
WORKING PLATFORM
2000 x 2150 x 1100 mm



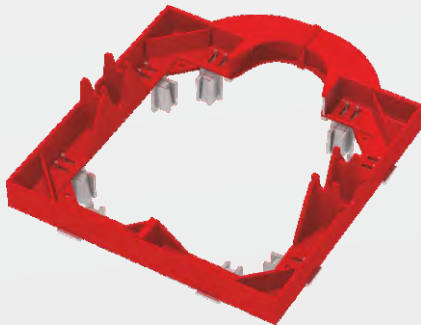
Y VALVE



GROUND CONNECTION
Suitable for BMS 75 & 60
Bolted Type Mast Systems



FLOOR FRAME
750 x 750 mm



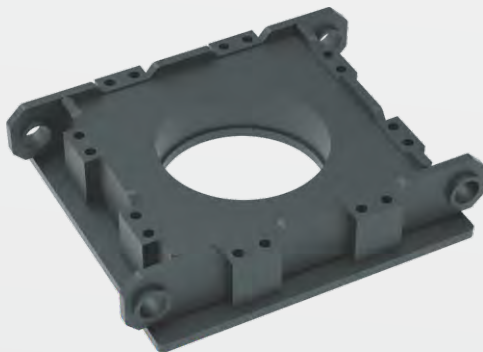
LADDERS
700 x 2800 mm



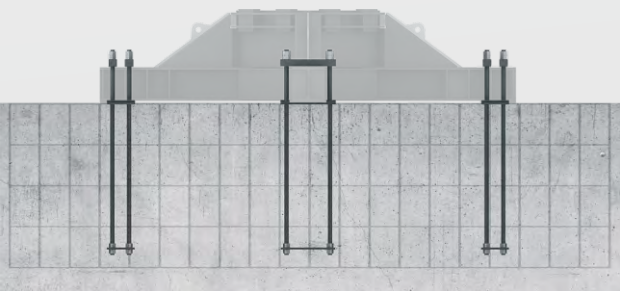
LADDERS
700 x 2800 mm



QUICK CONNECTION SYSTEM
(Compatible with BMS 60B & BMS 75B)



ANCHORAGE SET
1500 mm (h)



FRAME
WEDGE



CLIMBING
CYLINDER



The presence
of two hydraulic
climbing cylinder
ensures that
the boom lifting
process proceeds
smoothly

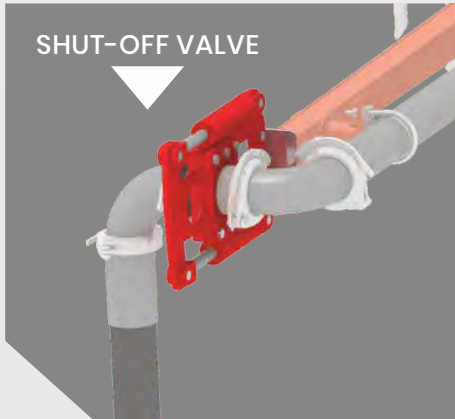
LADDERS
700 x 1850 mm



LADDERS
400 x 2800 mm



SHUT-OFF VALVE



The BMSs are mounted on top the buildings in the lift shafts/columns, in cut away sections of the floor slabs or in external frameworks

Product Image Gallery







istanbul, turkey

providing

concrete

solutions

worldwide

since 2020

motto

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