



CONCRETE PLACING BOOMS
& PUMPS

www.royalmac.com



Royal Makine was established in 2009 in Istanbul

Royalmac is a registered trademark of Royal Makine.

Royalmac expanded its activities abroad with these gains and lives proud of becoming a company which is rapidly increasing share of export.

Royalmac is one of the leading companies in the sector in manufacturing aesthetic, ergonomic, and superior quality to world standards hydraulic and mechanical concrete placing booms and concrete pumps.

Royalmac uses the latest manufacturing technologies at all stages from project design to application.

www.royalmac.com

SPIDER PLACING BOOM



HD12 R2
HD15 R3
HD20 R3
HT20 R3
HM14
M14
MK14

SELF CLIMBING PLACING BOOM



HD24 R3
HD32 Z4
HD36 Z4

CRAWLER PLACING BOOM

HMC12
HC10 Z3
HC12 R2

HC15 R3
HC18 Z4
HCS18 Z4



CONCRETE COBRA PLACER

CC4
CC4 E+



STATIONARY CONCRETE PUMP

SP149 D
SP148 E
SPC149 D



TRUCK-MOUNTED CONCRETE PUMP

MP24 Z4
MP27 Z4
MP38 RZ



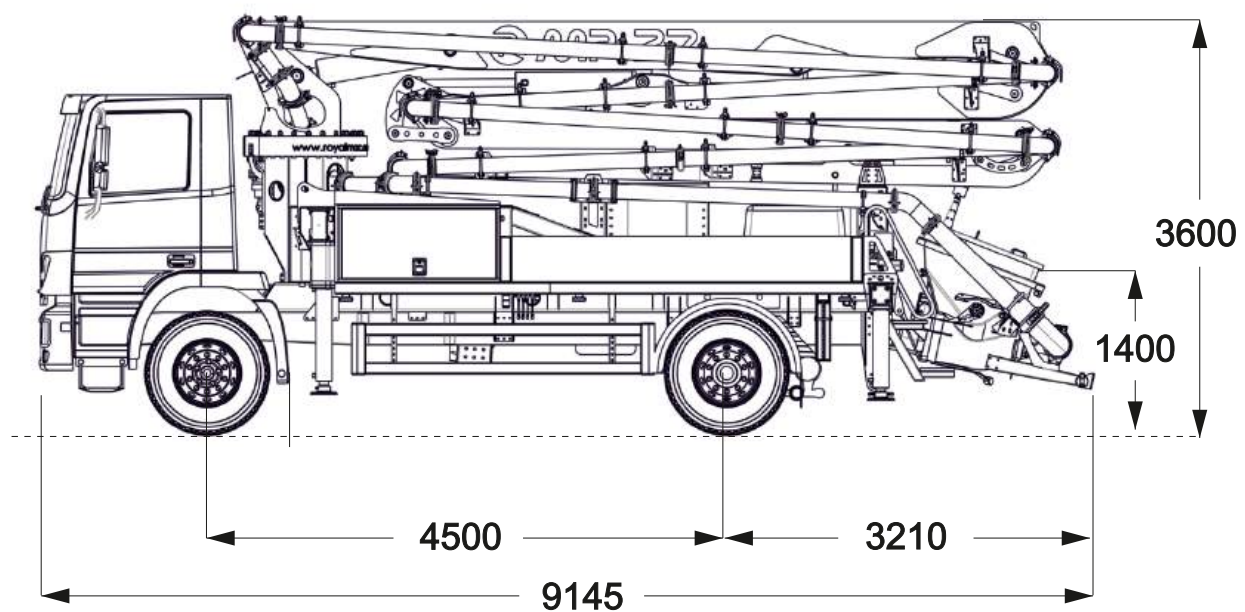


MP27 Z4

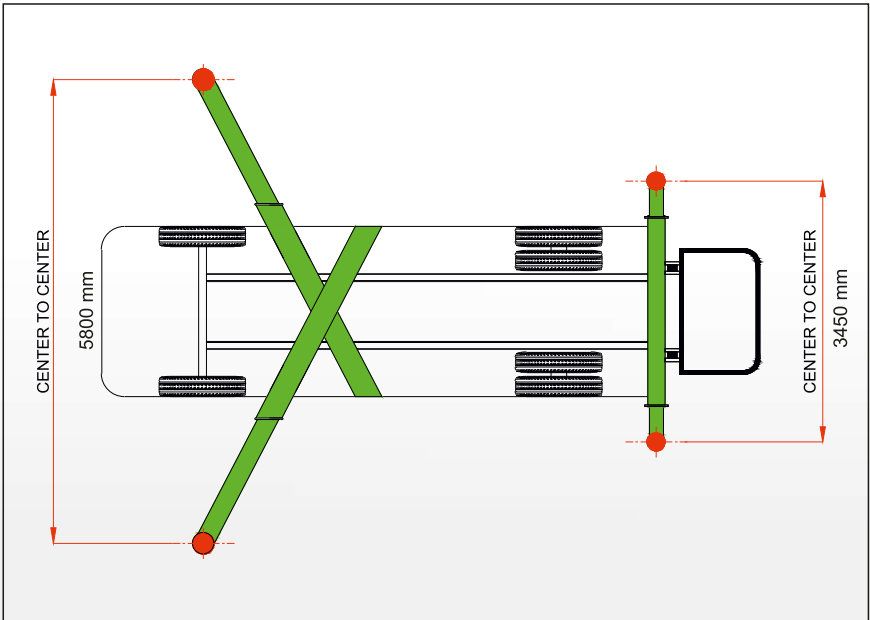
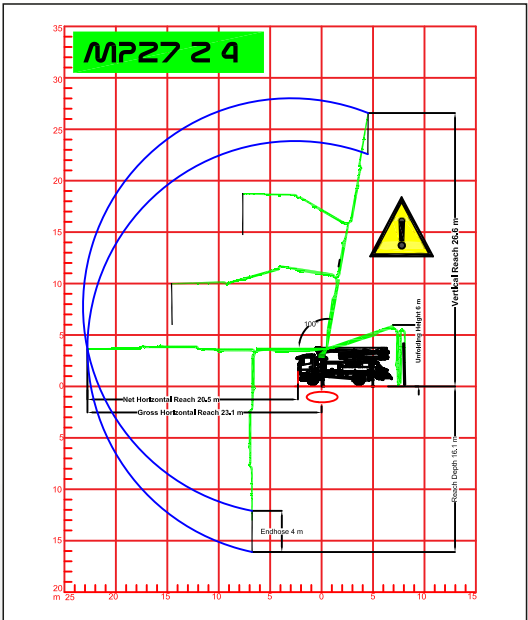
Technical Data

Boom MP24		
Sections		4
Reach height	m	26.8
Horizontal reach	gross	m 23.1
	net	m 17.7
Reach depth max	m	14.2
Unfolding height	m	5
End hose length	m	4
Folding system		RZ
Delivery line		DN 125

Pump		MP	110
Rod Side	Output	m³/h	-
	Delivery pressure	bar	-
	Strokes	1/mln.	-
Piston Side	Output	m³/h	110
	Delivery pressure	bar	78
	Strokes	1/min.	32
	Delivery cylinder	Ø mm	230
	Stroke	mm	1400
Hydraulic System		Closed Loop	
Main Pump		A4VG125	



Truck-Mounted Concrete Pump





High Dynamic Series

ROYAL HD12 R2

Technical Details

Horizontal Reach	39' 5"/12 M
Vertical Reach	45' 12"/14 M
Working Range	600 M ²
Machine Weight	2200 KG / 4850 LBS
Ballast Weight	1300 KG / 2870 LBS
Total Weight	3500 KG / 7720 LBS
End Hose	3 M
Power / Voltage	5,5 KW, 400-480 V, 3 PHASE



Ballast Weight
1300 KG
2870 LBS



Machine Weight
2200 KG
4850 LBS



General Descriptions

- HD12 R2 standart usage is on outrigger.
- Boom sections are made of High strength S700 MC steel and cut buy cnc laser.
- Ballast weight steel case mould can be supplied optionally to be filled with concrete on construction site by your side.
- All the pin connection bearings are horizontally milled.
- Hydraulic oil pump and connections are located outside the oil tank for ease of diagnose maintenance and service.

Standard Equipments



Radio Control



Proportional Joystick Type
Radio Remote Control



Electric Motor



360°

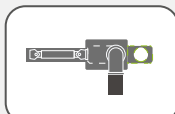


Electric Connection Plug Set

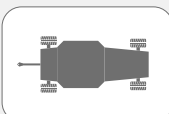
Optional Equipments



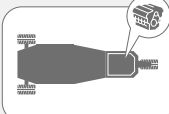
Diesel or Gasoline
Engine



Shut-off Valve



Towable Transporter



T8 Self-Propelled
Transporter

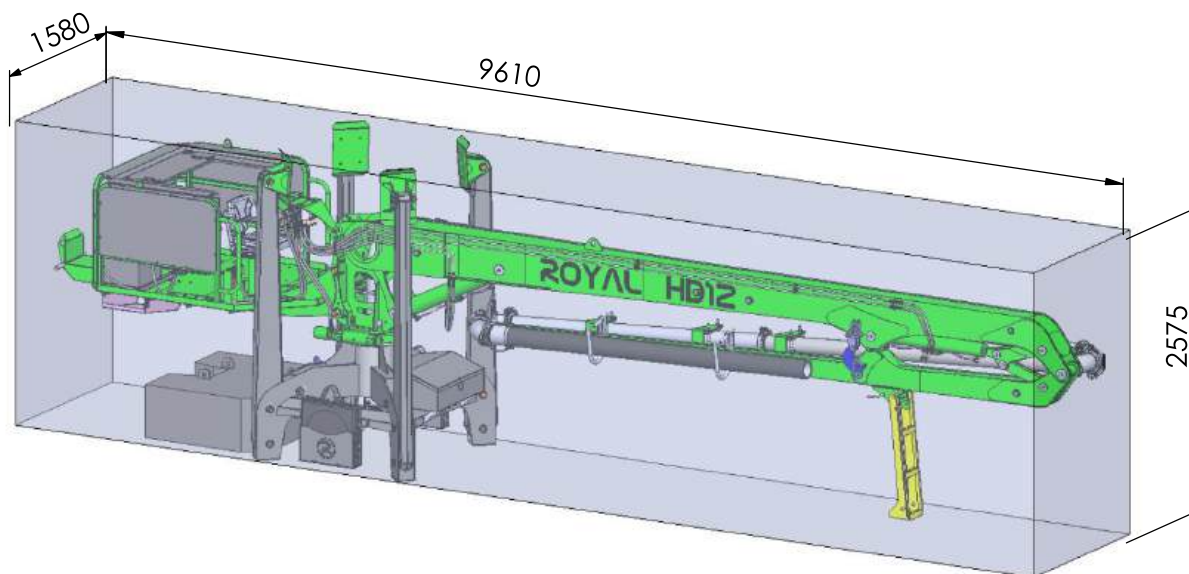
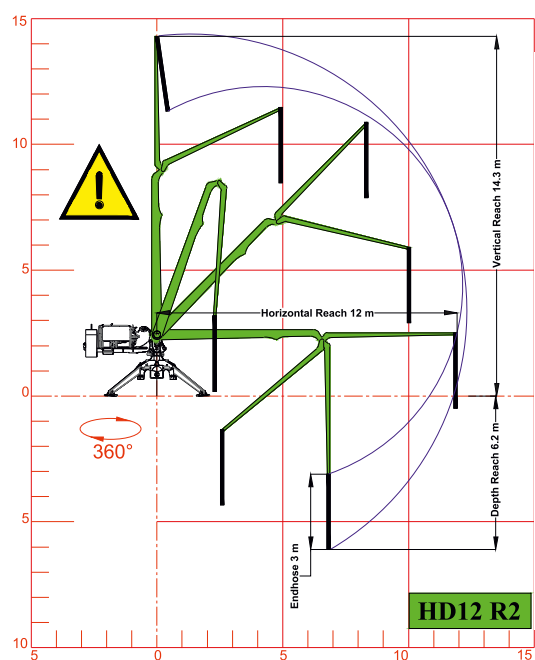


Operator Seat



Ballast Weight Steel Case

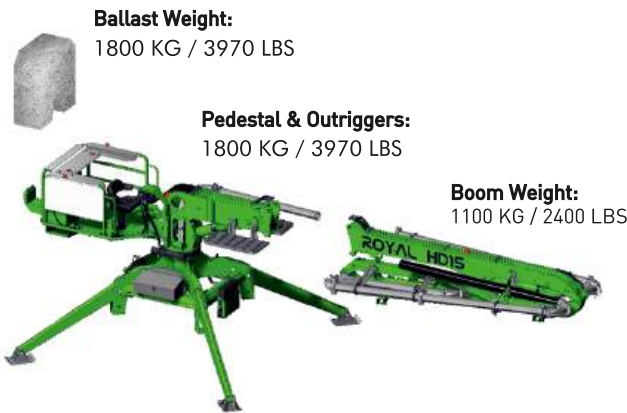
Spider Placing Boom





ROYAL HD15 Z3

High Dynamic Series



Technical Details	
Horizontal Reach	49'3" / 15 M
Vertical Reach	55'10" / 18 M
Working Range	710 M ²
Machine Weigh	2900 KG / 6350 LBS
Ballast Weight	1800 KG / 3970 LBS
Total Weight	4700 KG / 10360 LBS
End Hose	3 M
Power / Voltage	7.5 KW, 400-480 V, 3 FAZ



General Descriptions

HD15 Z3 standart usage is on outrigger.

Boom sections are made of High strength S700 MC steel and cut buy cnc laser

Ballast weight steel case mould is optionally filled with concrete on construction site by your side

All the pin connection bearings are horizontally milled

Hydraulic oil pump and connections are located outside the oil tank for ease of diagnose maintenance and service

Standard Equipments



Radio Control



Proportional Joystick Type
Radio Remote Control



Electric Motor

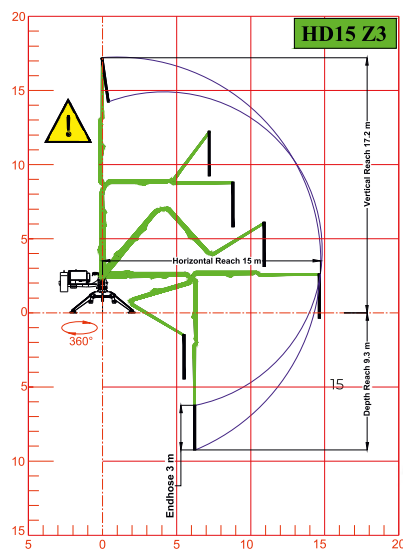


360°

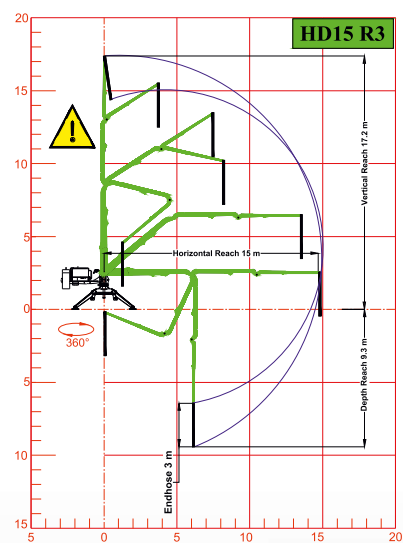


Electric Connection Plug Set

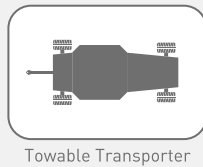
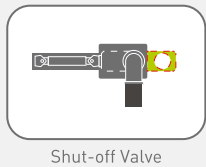
ROYAL HD15 Z3



ROYAL HD15 R3



Optional Equipments



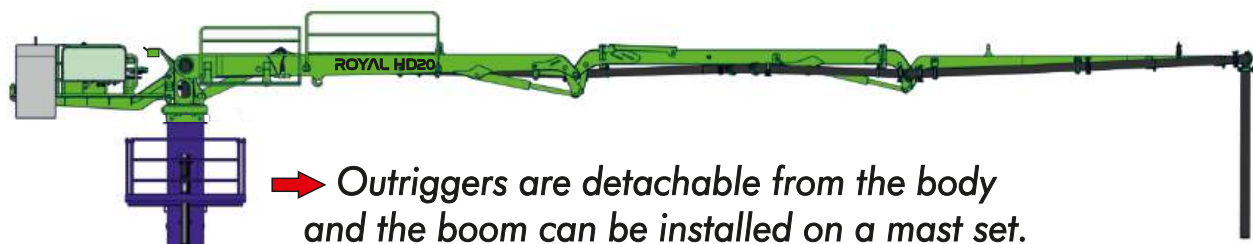
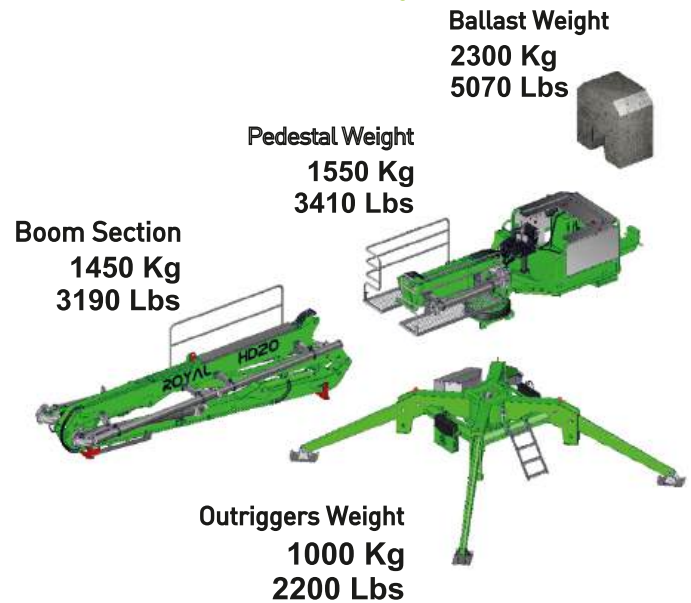


ROYAL HD20 R3

High Dynamic Series

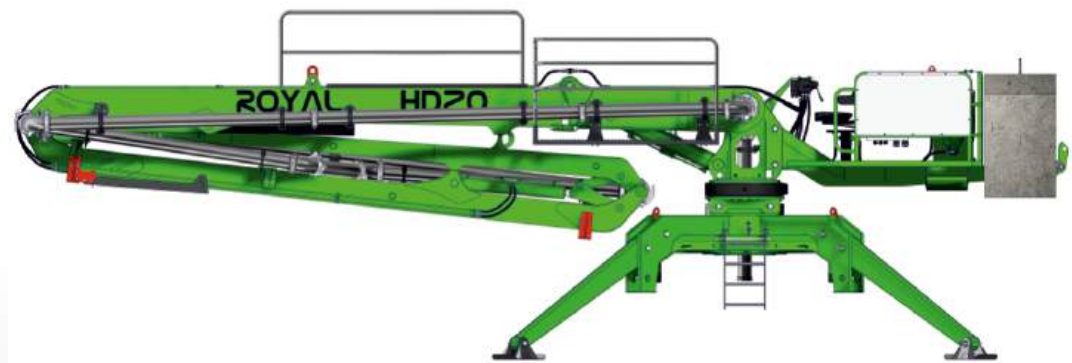
Technical Details

Horizontal Reach	65' 8" / 20 M
Vertical Reach	72' 3" / 22 M
Working Range	1200 M ²
Machine Weight	4000 KG / 8820 LBS
Ballast Weight	2300 KG / 5070 LBS
Total Weight	6300 KG / 13950 LBS
End Hose Length	3 M
Power / Voltage	7,5 KW, 400 - 480 V, 3 PHASE



Top Mast
1800 Kg
3970 Lbs

Lower Mast
1250 Kg
2750 Lbs



Standard Equipments



Radio Control



Proportional Joystick Type
Radio Remote Control



Electric Motor



360°



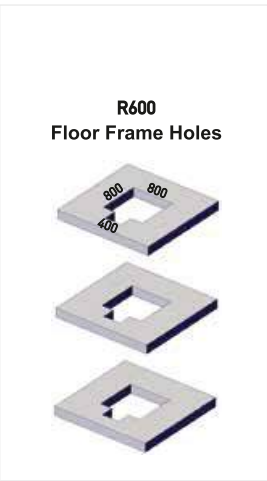
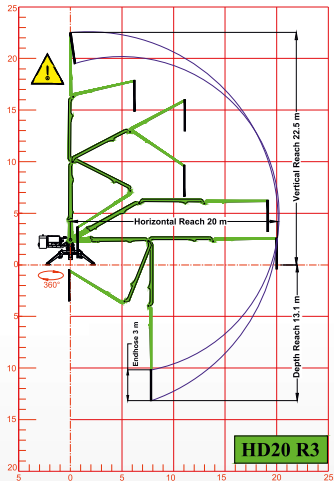
Electric Connection Plug Set

Spider Placing Boom



General Descriptions

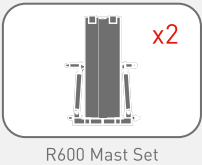
- HD20 R3 standart usage is on outrigger.
- HD20 R3 can be used with R600 Mast Set as an optional equipment
- Boom sections are made of High strength S960 MC steel and cut buy cnc laser
- Ballast weight steel case mould can be supplied optionally to be filled with concrete on construction site by your side.
- All the pin connection bearings are horizontally milled
- Hydraulic oil pump and connections are located outside the oil tank for ease of diagnose maintenance and service



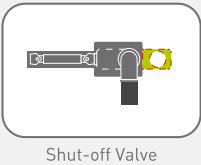
Optional Equipments



Diesel or Gasoline Engine



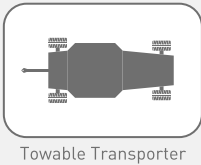
R600 Mast Set



Shut-off Valve



Operator Seat



Towable Transporter



Ballast Weight Steel Case



ROYAL HT20

High Dynamic Series

Technical Details

Horizontal Reach	82' 1" / 20 M
Vertical Reach	65' 8" / 25 M
Working Range	1250 M ²
Machine Weight	4350 KG / 9590 LBS
Ballast Weight	2500 KG / 5510 LBS
Total Weight	6850 KG / 14900 LBS
End Hose Length	3 M
Power / Voltage	7,5 KW, 400 - 480 V, 3 PHASE

Ballast Weight
2500 KG - 5510 LBS

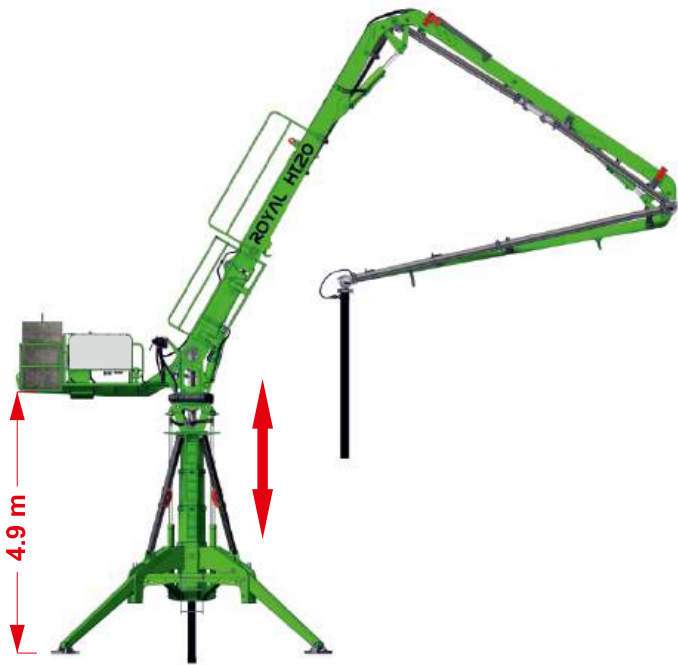
Boom Weight
1450 KG - 3200 LBS



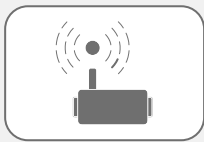
Pedestal Weight
1550 KG - 3420 LBS



Outrigger Weight
1350 KG / 2970 LBS



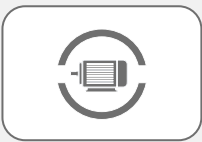
Standard Equipments



Radio Control



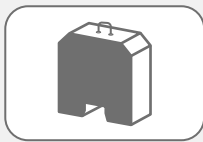
Joystick Type Proportional
Radio Remote Control



7,5 kW 400 - 480 V
3 phase , 50 - 60 hz

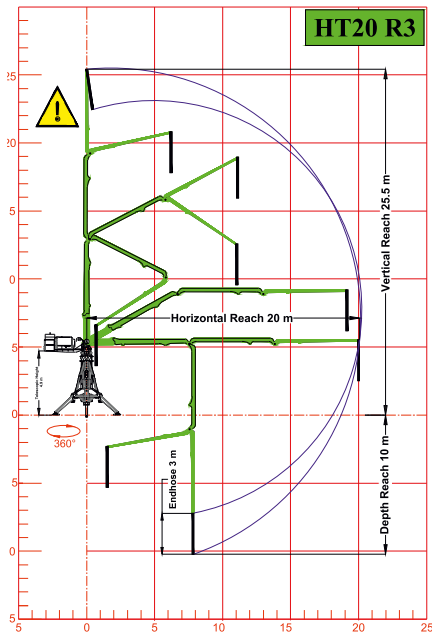


360°



Ballast Weight
Steel Case

Telescopic Spider Placing Boom



General Descriptions

HT20 R3 standard usage is on outrigger.

HT20 R3 can be used with R600 Mast Set as an optional equipment

Boom sections are made of High strength S960 MC steel and cut by cnc laser

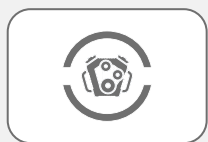
Ballast weight steel case mould will be given to be filled with concrete on construction site by your side

All the pin connection bearings are horizontally milled

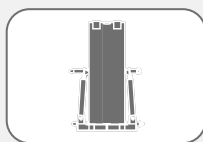
Hydraulic oil pump and connections are located outside the oil tank for ease of diagnose maintenance and service



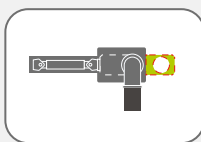
Optional Equipments



Diesel or Gasoline Engine



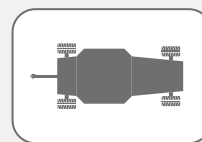
R600 Mast Set



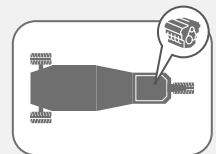
Shut-off Valve



Operator Seat



Towable Transporter



T8 Self Propelled Transporter



ROYAL HD24 R3

High Dynamic Series

Technical Details

Horizontal Reach	78' 9" / 24 M
Vertical Reach	85' 4" / 26 M
Working Range	1800 M²
Machine Weight	9500 KG
End Hose Length	3 M
Power / Voltage	15.5 KW, 400 - 480 V, 3 PHASE

Boom Section:
2350 KG / 5180 LBS

Pedestal:
2750 KG / 6060 LBS



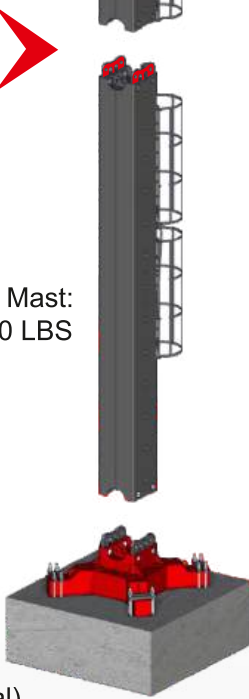
Top Mast:
2800 KG / 6160 LBS

New System With Pin

Lower Mast:
2800 KG / 6160 LBS



Cross Base (Optional)
1500 KG / 3300 LBS



Standard Equipments



Radio Control



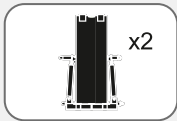
Proportional
Radio Remote Control



Electric Motor

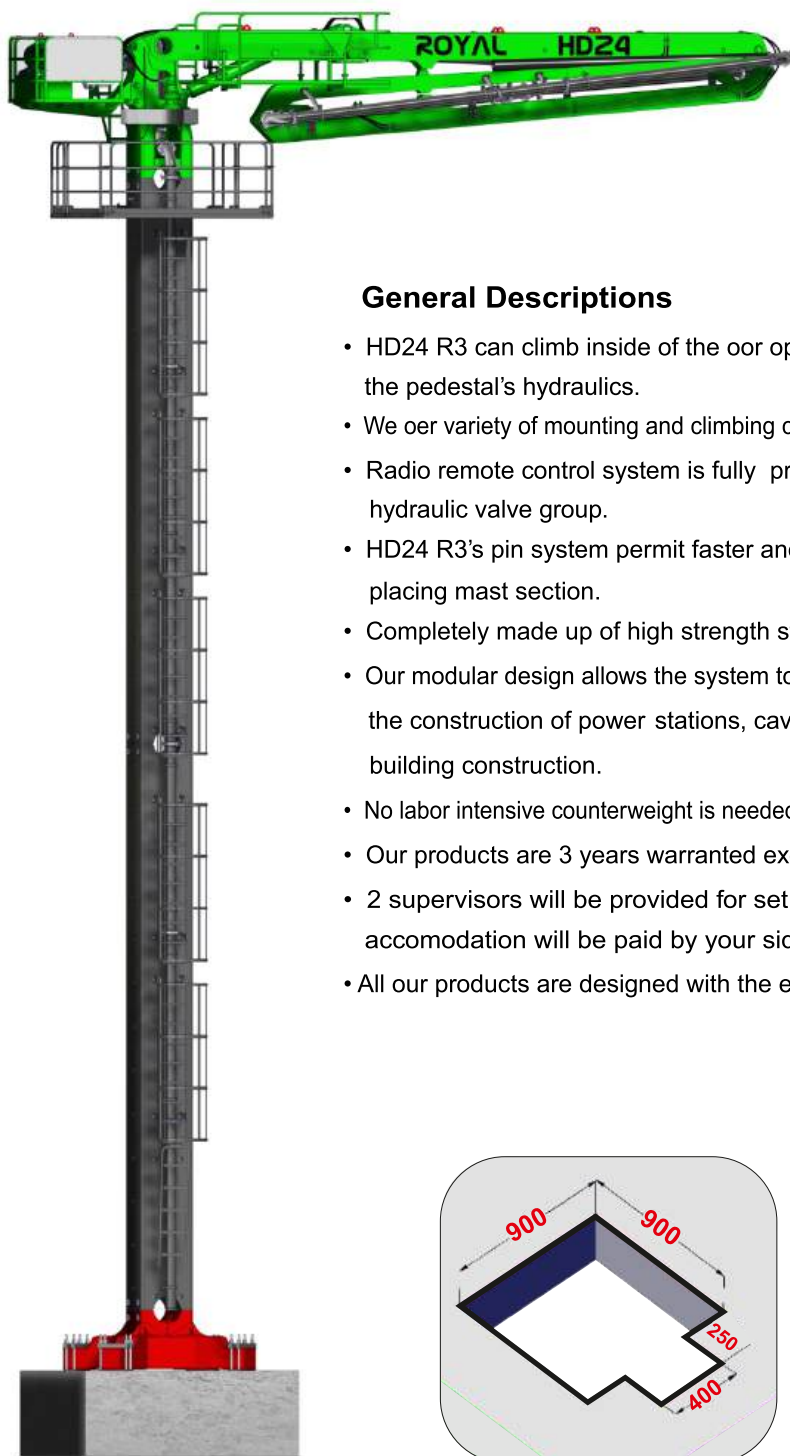


360°



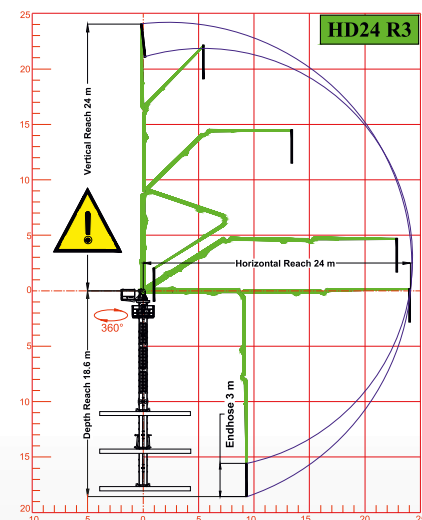
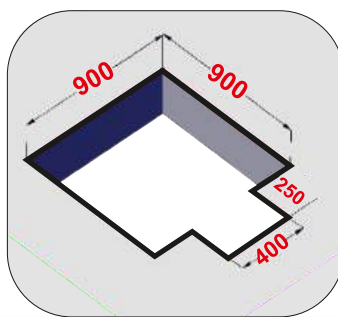
R750 Mast Set
0.75 m x 0.75 m x 8 m

Self Climbing Placing Boom



General Descriptions

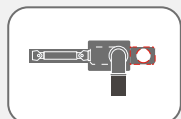
- HD24 R3 can climb inside of the pour opening without a crane using two lift cylinders and the pedestal's hydraulics.
- We offer variety of mounting and climbing configurations to meet your site's unique requirements.
- Radio remote control system is fully proportional which works in great compliance with hydraulic valve group.
- HD24 R3's pin system permit faster and easier connections when installing or raising the placing mast section.
- Completely made up of high strength steel of S700 grade even the mast set.
- Our modular design allows the system to be used economically for various applications, e.g. the construction of power stations, caverns, liquid gas tanks and bridges, as well as in building construction.
- No labor intensive counterweight is needed with Royalmac placing booms, saving time and labor.
- Our products are 3 years warranted except electric cabinet and delivery line.
- 2 supervisors will be provided for set up and operator education, visa, transport and accommodation will be paid by your side.
- All our products are designed with the experience of construction site.



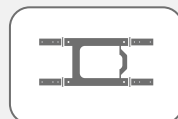
Optional Equipments



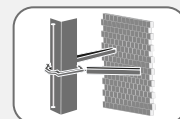
Gasoline or Diesel Engine



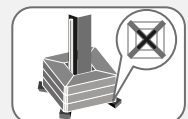
Shut-off Valve



Lift Shaft Frame Set



Universal Tie Frame
Wall connection frame set



RC60 Ballasted Base



ROYAL HD32 Z4

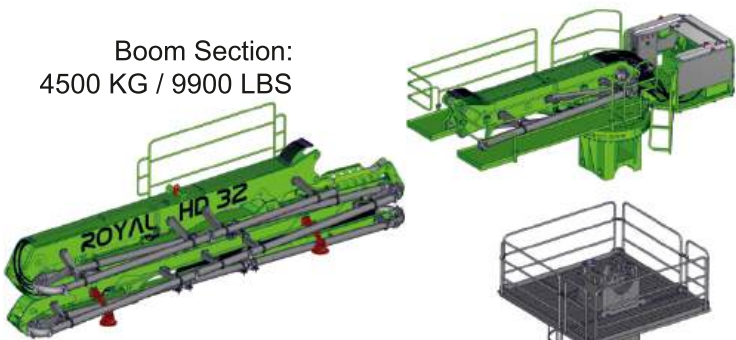
High Dynamic Series

Technical Details

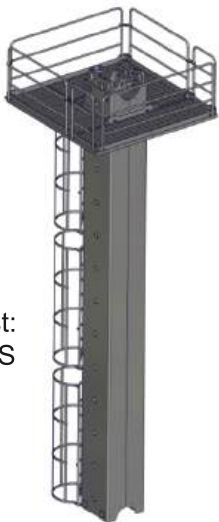
Horizontal Reach	104' 12" / 32 M
Vertical Reach	111' 7" / 34 M
Working Range	3215 M ²
Machine Weight	14300 KG / 31500 LBS
End Hose Length	4 M
Power / Voltage	18.5 KW, 380 - 400 V, 3 PHASE

Pedestal:
4200 KG / 9240 LBS

Boom Section:
4500 KG / 9900 LBS



Top Mast:
2800 KG / 6160 LBS

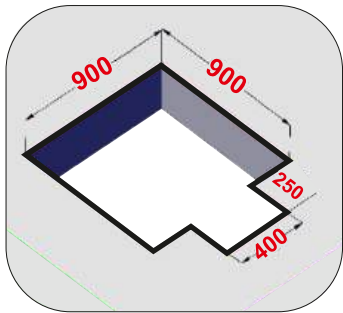
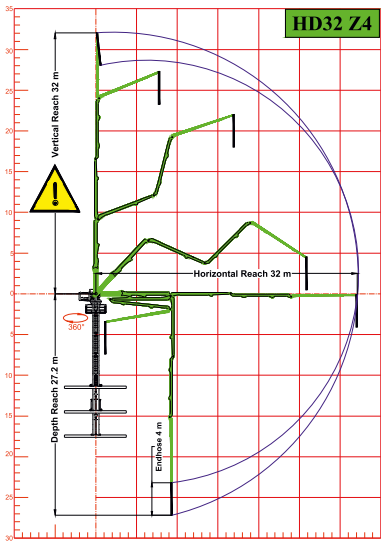
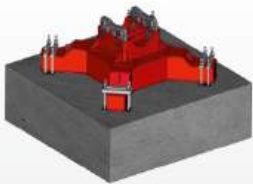


New System With Pin

Lower Mast:
2800 KG / 6160 LBS



Cross Base (Optional)
1500 KG / 3300 LBS



Standard Equipments



Radio Control



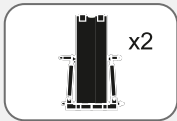
Proportional
Radio Remote Control



Electric Motor



360°



R750 Mast Set
0.75 m x 0.75 m x 8 m

General Descriptions

HD32 Z4 can climb inside of the floor opening without a crane using two lift cylinders and the pedestal's hydraulic.

We offer variety of mounting and climbing configurations to meet your site's unique requirements.

Radio remote control system is fully proportional which works in great compliance with hydraulic valve group.

HD32 Z4's pin system permits faster and easier connections when installing or raising the placing mast section.

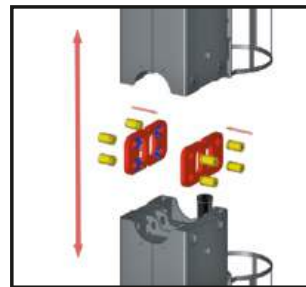
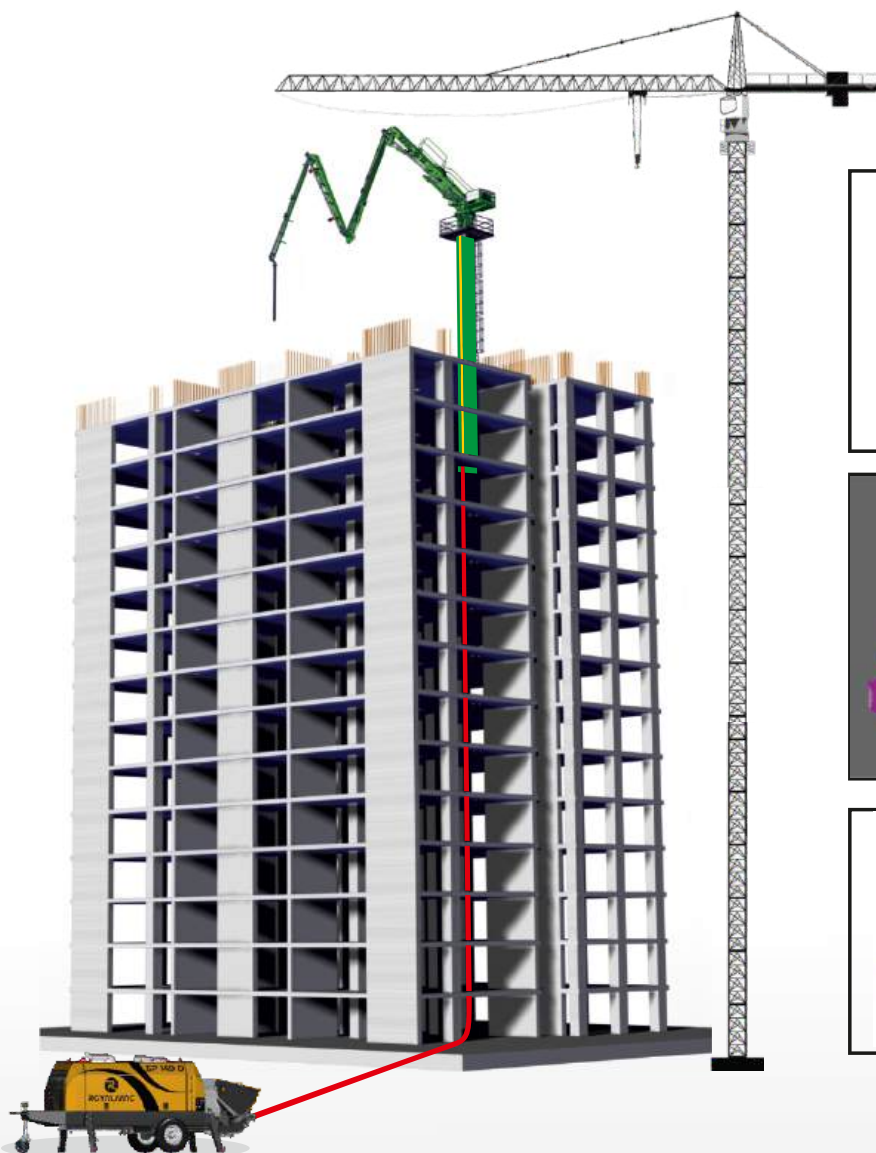
Completely made up of high strength steel of S700 grade.

Our modular design allows the system to be used economically for various applications, e.g. the construction of power stations, caverns, liquid gas tanks and bridges, as well as in building construction.

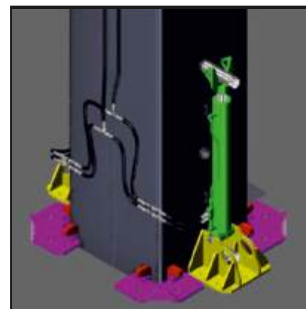
No labor intensive counterweight is needed with Royalmac placing booms, saving time and labor.

Our products are 3 years warranted except electrical components and delivery line.

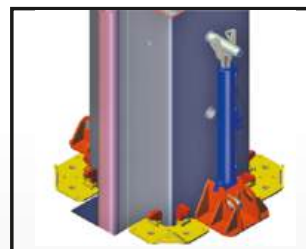
All our products are designed with the experience of construction site.



New Design
with Pin System



New Design
Raising System

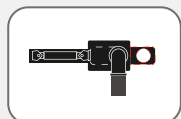


New Design
Raising System

Optional Equipments



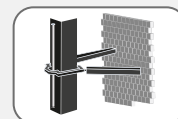
Gasoline or Diesel Engine



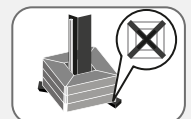
Shut-off Valve



Lift Shaft Frame Set



Universal Tie Frame



RC60 Ballasted Base



ROYAL HD36 24

High Dynamic Series

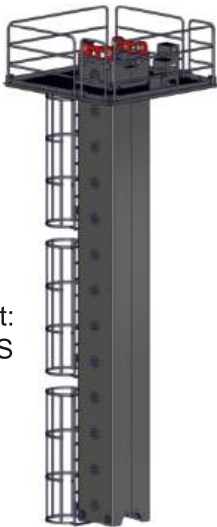
Technical Details

Horizontal Reach	118' 2" / 36 M
Vertical Reach	124' 8" / 38 M
Working Range	4069 M²
Machine Weight	15700 KG / 34540 LBS
End Hose Length	4 M
Power / Voltage	18.5 KW, 400 - 480 V, 3 PHASE

Boom Section:
5200 KG / 11440 LBS



Pedestal:
4500 KG / 9900 LBS



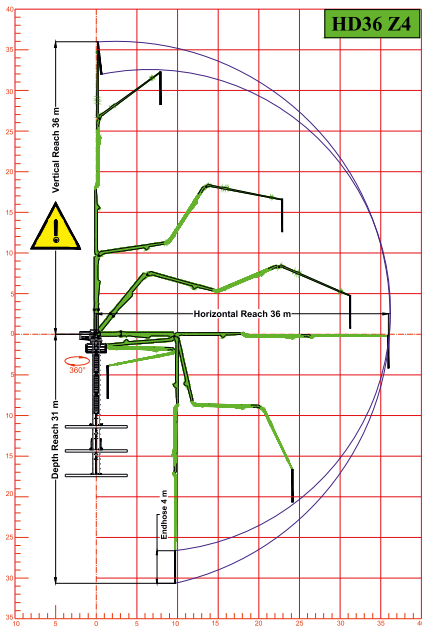
Top Mast:
3000 KG / 6600 LBS



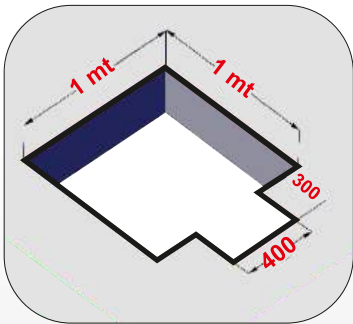
Lower Mast:
3000 KG / 6600 LBS



Cross Base (Optional)
1500 KG / 3300 LBS



New System With Pin



Standard Equipments



Radio Control



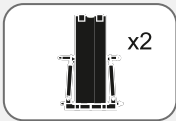
Proportional
Radio Remote Control



Electric Motor



360°



R850 Mast Set
0.85 m x 0.85 m x 8 m

Self Climbing Placing Boom

General Descriptions

HD36 Z4 can climb inside of the floor opening without a crane using two hydraulic cylinders and the pedestal's hydraulic.

We offer variety of mounting and climbing configurations to meet your site's unique requirements.

Radio remote control system is fully proportional which works in great compliance with hydraulic valve group.

HD36 Z4's pin system permits faster and easier connections when installing or raising the placing mast section.

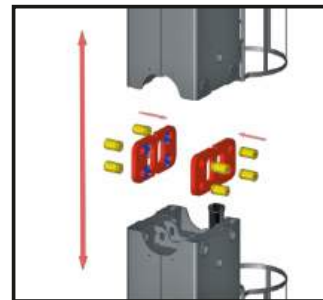
Completely made up of high strength steel of S700 grade.

Our modular design allows the system to be used economically for various applications, e.g. the construction of power stations, caverns, liquid gas tanks and bridges, as well as in building construction.

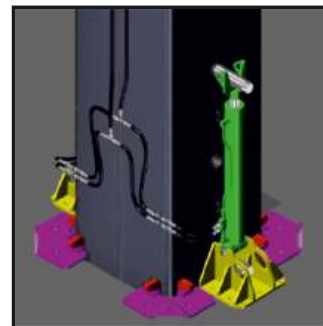
No labor intensive counterweight is needed with Royalmac placing booms, saving time and labor.

Our products are 3 years warranted except electrical components and delivery line.

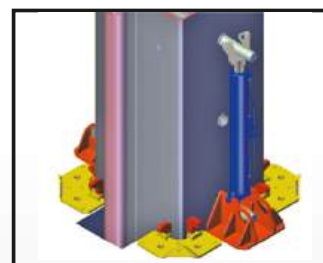
All our products are designed with the experience of construction site.



New Design
with Pin System



New Design
Raising System

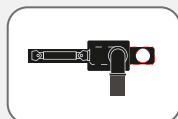


New Design
Raising System

Optional Equipments



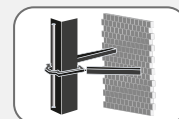
Gasoline or Diesel Engine



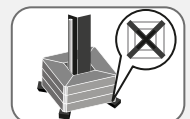
Shut-off Valve



Lift Shaft Frame Set



Universal Tie Frame



RC60 Ballasted Base



ROYAL HMC12

Technical Details

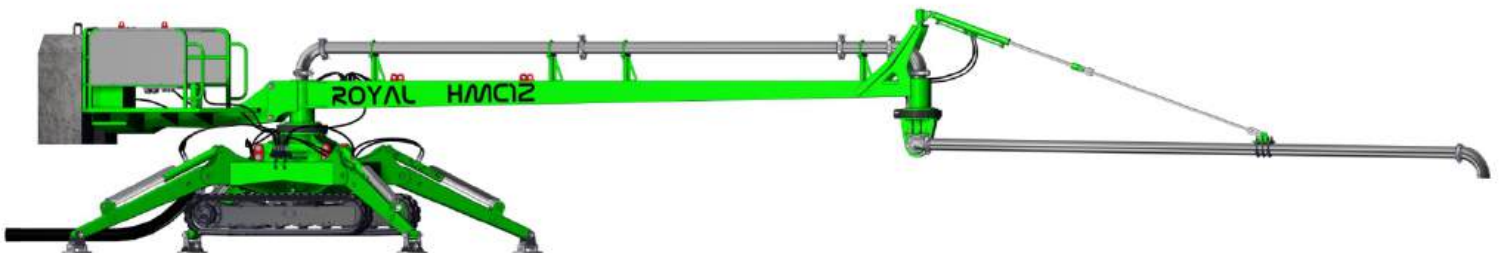
Horizontal Reach	39' 5" / 12 M
Vertical Reach	18' 1" / 5.5 M
Working Range	452 M ²
Machine Weight	2300 KG / 5060 LBS
Ballast Weight	800 KG / 1760 LBS
Undercarriage Weight	900 KG / 1980 LBS
Total Weight	4000 KG / 8800 LBS

Ballast Weight
800 KG - 1760 LBS

Machine Weight
2300 KG - 5060 LBS



Undercarriage Weight
900 KG / 1980 LBS



Standard Equipments



Radio Control



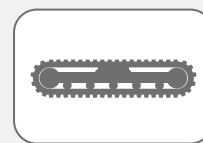
Proportional
Radio Remote Control



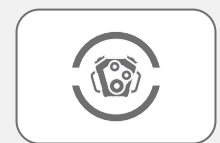
360°



Ballast Steel Case



Rubber Track System



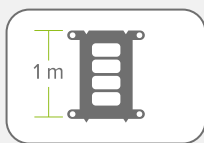
Diesel Engine (15 KW)

General Descriptions

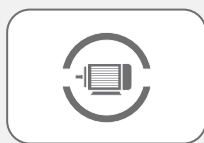
- Rotary type boom design offers working capability at low ceiling heights
- Rubber track can operate over concrete or asphalt without damaging
- Within the standard scope, single diesel engine actuates both track and boom section. Gasoline, electric or dual engine is available as an option
- By the help of its splittable body can be use as a spider placing boom.
- Ballast steel case mould will be given to be filled with concrete.
- Our products are 3 years warrantied. Except delivery line and electric cabinet
- Boom sections are made of High strength S700 MC steel and cut by cnc laser
- The last section is lifted via remote control and provides vertical reach of 5.5m



Optional Equipments



Middle Mast



Electric Motor (5.5 KW)
400 - 480 V 3 Phase



Gasoline Engine (17 KW)

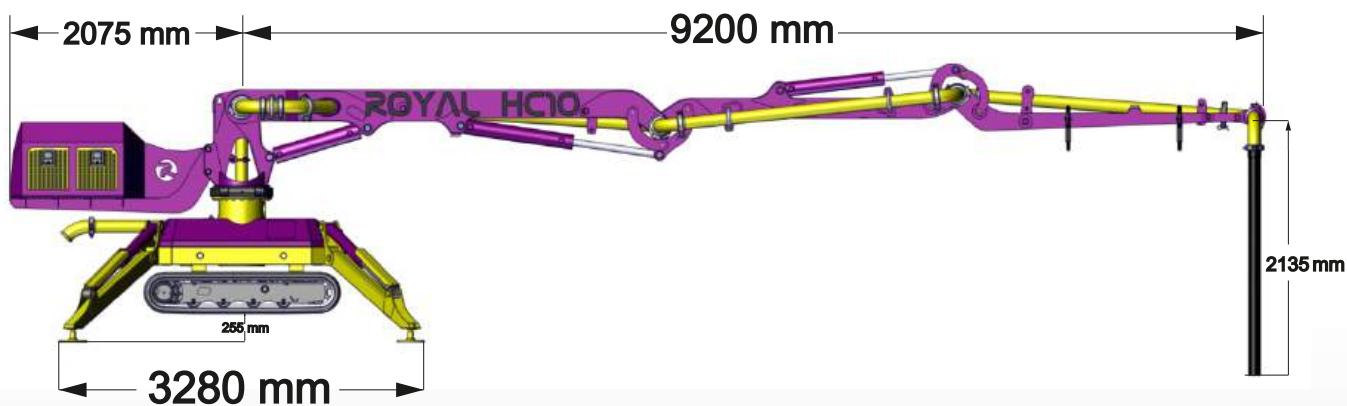
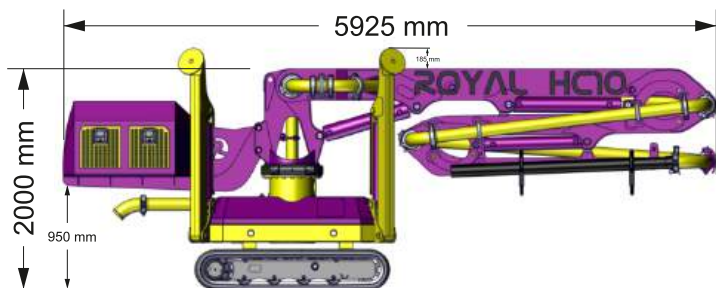


ROYAL HC10

HIGH DYNAMIC
series

Technical Details

Horizontal Reach	10 M
Vertical Reach	12 M
Working Range	330 M ²
Machine Weight	2900 KG / 6000 LBS
Delivery Line	DN 100
End Hose Length	3 M
Power / Voltage	3 KW, 220 V, MonoPhase
Gasoline Engine	14 Hp



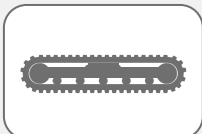
Standard Equipments



Proportional
Radio Remote Control



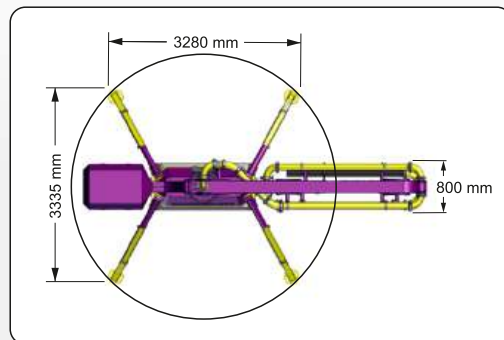
360°



Rubber Track System



Diesel or Gasoline Engine



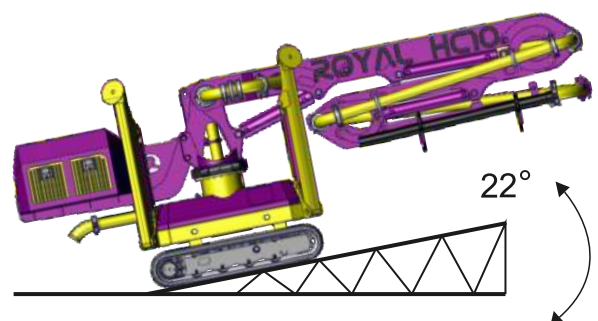
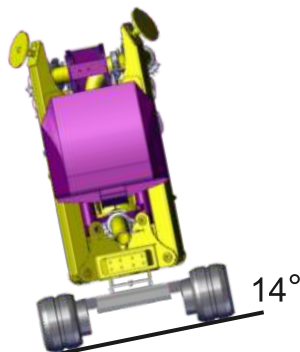
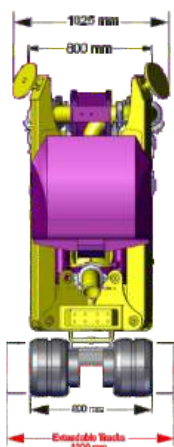


ROYAL HC10



General Descriptions

- ✓ Rubber track can operate over concrete or asphalt without damaging
- ✓ Boom sections are made of High strength S700 MC steel and cut by CNC laser
- ✓ Hydraulic oil pump and connections are located outside the oil tank for ease of diagnose, maintenance and service
- ✓ 100" diameter pipeline offers an easy change advantage to operators.
- ✓ Z Boom design offers low unfolding height.
- ✓ Proportional joystick type AUTEC radio remote control offers more safe and precise control.

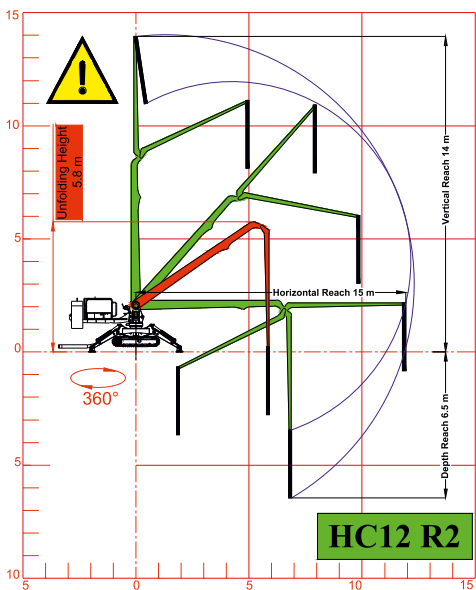




ROYAL HC12

Technical Details

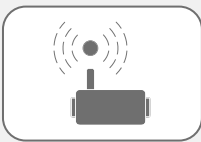
Horizontal Reach	39' 5" / 12 M
Vertical Reach	49' 3" / 15 M
Working Range	452 M ²
Machine Weight	3300 KG / 7275 LBS
Ballast Weight	750 KG / 1650 LBS
Undercarriage Weight	900 KG / 1980 LBS
Total Weight	4950 KG / 10910 LBS



Importance of Mechanical Design

At the process of displacement and installation in construction sites, the part of the machine must save its transport position by itself without any support or jackhorse etc.. by the unity of our design boom section and other groups do not need any support and will not overturned during displacement and installation.

Standard Equipments



Radio Control



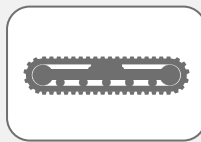
Proportional
Radio Remote Control



360°



Ballast Steel Case



Rubber Track System



Diesel Engine (15 KW)

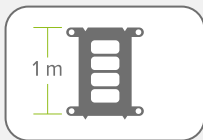


General Descriptions

- Rotary type boom design offers working capability at low ceiling heights
- The last section is lifted via remote control and provides vertical reach of 5.5m
- Rubber track can operate over concrete or asphalt without demaging
- Within the standard scope, single diesel engine actuates both track and boom section. Gasoline, electric or dual engine is available as an option
- By the help of its splittable body can be use as a spider placing boom.
- Ballast steel case mould will be given to be filled with concrete.
- Our products are 3 years warrantied. Except delivery line and electric cabinet
- Boom sections are made of High strength S700 MC steel and cut by cnc laser



Optional Equipments



Middle Mast



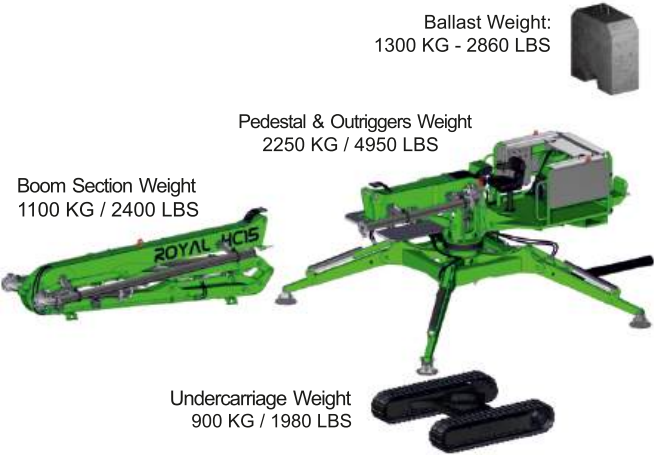
Electric Motor (5.5 KW)
400 - 480 V 3 Phase



Gasoline Engine (17 KW)

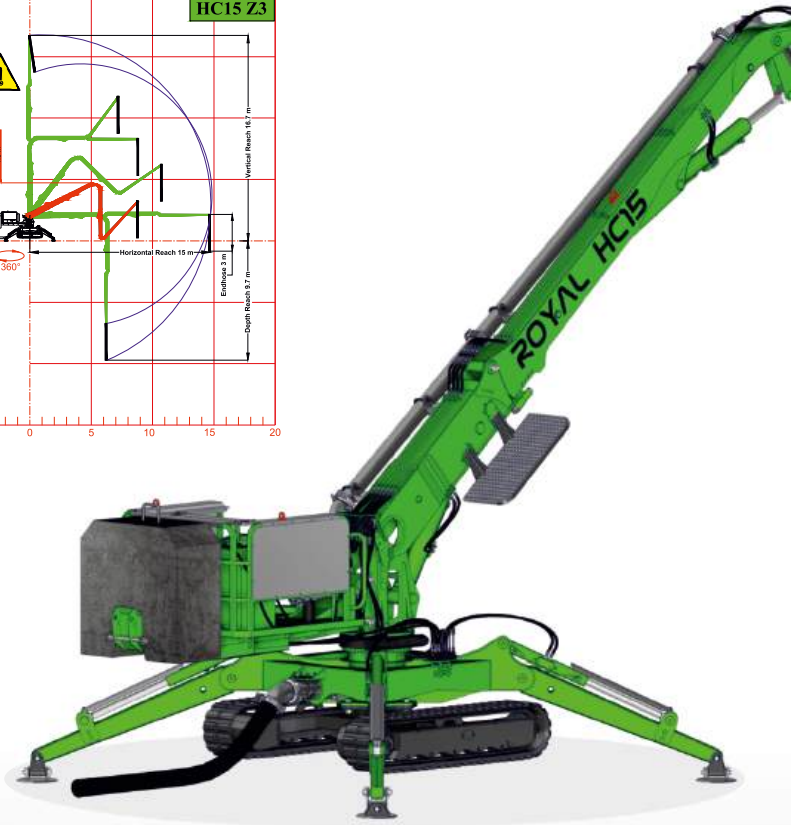
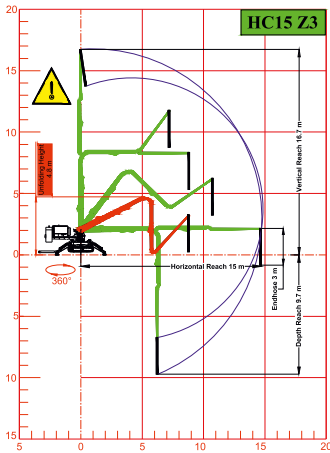


ROYAL HC15 Z3



Technical Details

Horizontal Reach	49' 3" / 15 M
Vertical Reach	59' 1" / 18 M
Working Range	706 M²
Machine Weight	4250 KG / 9370 LBS
Ballast Weight	1300 KG / 2860 LBS
Total Weight	5550 KG / 12230 LBS
End Hose Length	3 M
Power / Voltage	7,5 KW, 400-480V, 3 PHASE



Standard Equipments



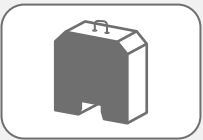
Radio Control



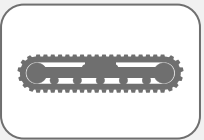
Proportional
Radio Remote Control



360°



Ballast Steel Case

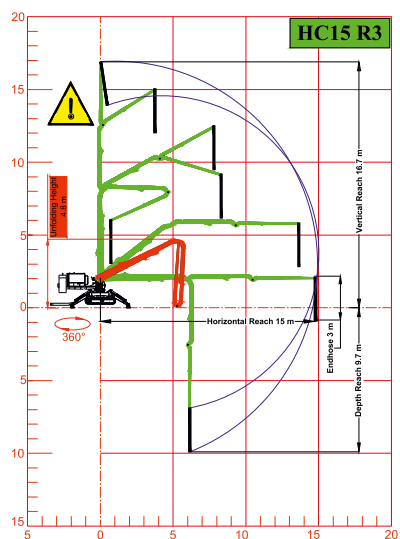


Rubber Track System



Gas/Diesel Engine (15 KW)

Crawler Placing Boom

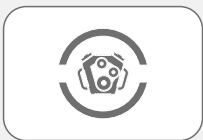
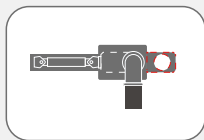


General Descriptions

- Rubber track can operate over concrete or asphalt without damaging
- Within the standard scope, single diesel engine actuates both track and boom section. Gasoline, electric or dual engine is available as option
- By the help of its splittable body can be use as a spider placing boom.
- Ballast steel case mould will be given filled with concrete.
- Our products are 3 years warrantied. Except delivery line and electric cabinet
- Boom sections are made of High strength S700 MC steel and cut by cnc laser
- Hydraulic oil pump and connections are located outside the oil tank for ease of diagnose, maintenance and service



Optional Equipments





ROYAL HC18 24

Weight

6000 KG / 13200 LBS



Undercarriage
2300 KG / 5050 LBS

Technical Details

Horizontal Reach	59' 1" / 18 M
Vertical Reach	72' 3" / 22 M
Working Range	1017 M ²
Total Weight	8300 KG / 18260 LBS
End Hose Length	4 M
Engine	55 KW / 74 Hp



General Descriptions

- Thanks to steel tracks HC18 Z4 offers wide range of operational area
- Within the standard scope, single diesel engine actuates both track and boom section.
- By the help of its splittable body can be use as a spider placing boom.
- Z Boom design offers low unfolding height.
- Proportional joystick type AUTEC radio remote control offers more safe and precise control.
- Boom sections are made of High strength S700 MC steel and cut by cnc laser.

Standard Equipments



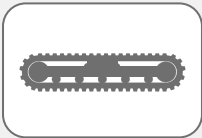
Radio Control



Proportional
Radio Remote Control



360°



Steel Track System

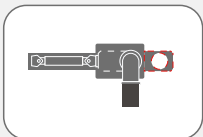


Diesel Engine (55 KW / 74 Hp)

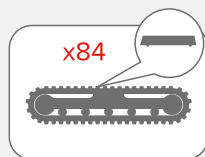
Crawler Placing Boom



Optional Equipments



Shut-off Valve

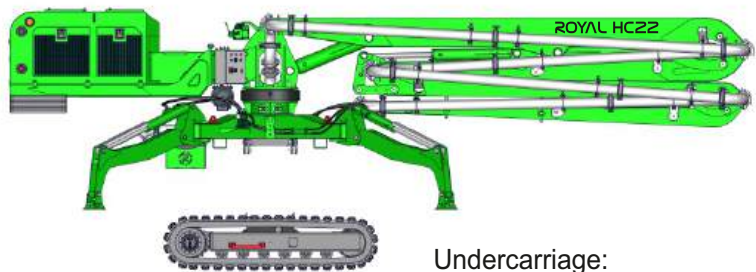


Rubber Pads



ROYAL HC22

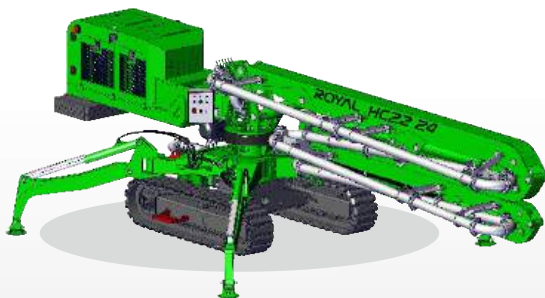
Weight: 8800 Kg / 19400 Lbs



Undercarriage:
2400 Kg / 5300 Lbs

Technical Details

Horizontal Reach	72' 2" / 22 M
Vertical Reach	85' 4" / 26 M
Working Range	1500 M ²
Total Weight	11200 KG / 24700 LBS
End Hose Length	4 M
Power / Voltage	7,5 KW, 400-480V, 3 PHASE
Engine	55 KW / 74 Hp



Standard Equipments



Radio Control



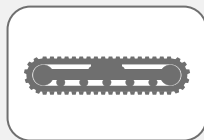
Proportional
Radio Remote Control



360°



Diesel Engine (55 KW / 74 Hp)



Rubber Track System

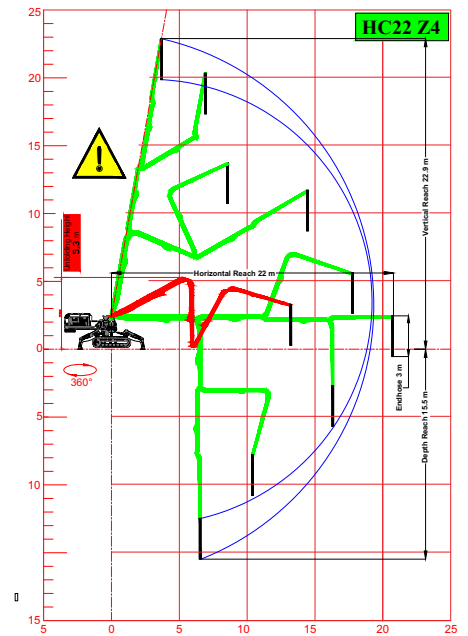


User Display

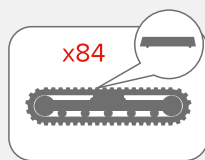
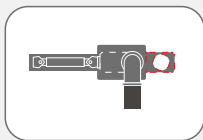
Crawler Placing Boom

General Descriptions

- Thanks to steel tracks HC22 Z4 offers wide range of operational area
- Within the standard scope, single diesel engine actuates both track and boom section. Gasoline, electric or dual engine is available as option
- By the help of its splittable body can be use as a spider placing boom.
- Z Boom design offers low unfolding height.
- Proportional joystick type AUTECH radio remote control offers more safe and precise control.
- Boom sections are made of High strength S700 MC steel and cut by cnc laser.
- Our products are 3 years warrantied. Except delivery line and electric cabinet.
- Engine is an option for boom.



Optional Equipments

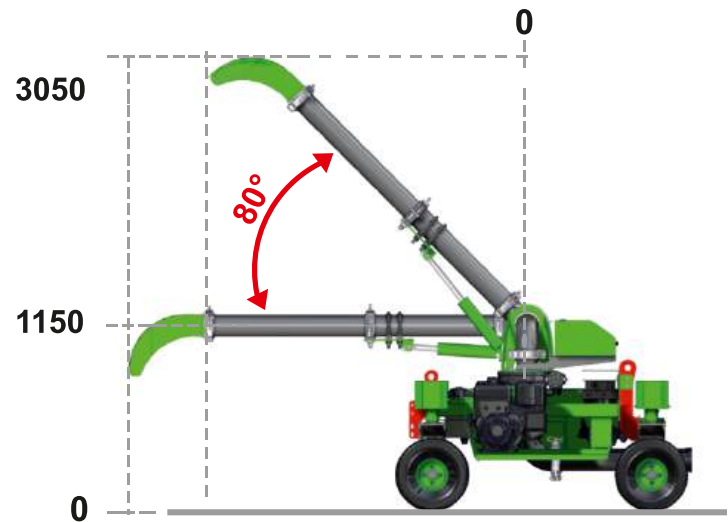




COBRA PLACER & PULLER CC4

Technical Details

TOTAL WEIGHT	850 KG / 1870 LBS
HORIZONTAL REACH	2370 mm / 93"
VERTICAL REACH	3150 mm / 124"
WIDTH	1300 mm / 51.5"
LENGTH	3350 mm / 131"
HEIGHT	1250 mm / 49"
GROUND CLEARANCE	170 mm / 6.6"
STEERING ANGLE	360 °
STEERING MODE	FRONT / CRAB / MIRROR
ENGINE	14 hp / Briggs & Stratton



Standard Equipments



Proportional
Radio Remote Control



360°

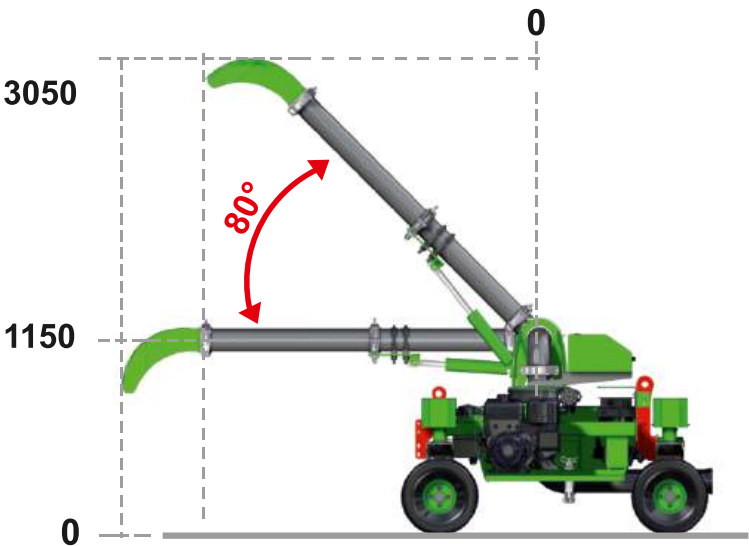


Gas Engine (14 Hp)

RECHARGEABLE
COBRA PLACER & PULLER
CC4 E+

Technical Details

TOTAL WEIGHT	1050 KG / 2310 LBS
HORIZONTAL REACH	2370 mm / 93 "
VERTICAL REACH	3150 mm / 124 "
WIDTH	1300 mm / 51.5 "
LENGTH	3850 mm / 151 "
HEIGHT	1250 mm / 49 "
GROUND CLEARANCE	170 mm / 6.6 "
STEERING ANGLE	360 °
STEERING MODE	FRONT / CRAB / MIRROR
DC MOTOR	24 VDC 4.5 KW
BATTERY	240 Ah



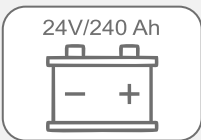
Standard Equipments



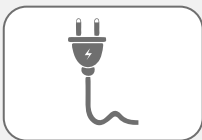
Proportional
Radio Remote Control



360°



Battery



Work + Charge



ROYAL M14

Technical Details

Horizontal Reach	45' 12"/ 14 M	Machine Weight	1300 KG / 2870 LBS
Vertical Reach	1.3 M	Ballast Weight	1200 KG / 2650 LBS
Working Range	530 M ²	Total Weight	2500 KG / 5520LBS



- Mechanical concrete distributors are economical solutions with low cost where the mobile concrete pumps or the stationary placing booms cannot have access.
- Mechanical concrete distributors have the opportunity of easy replacement, by being single piece, not requiring any assembly and disassembly and lightweight construction.
- Our mechanical concrete distributors can be rotated easily by **rotary table** and **double bearing system**.
- Ballast weight will be prepared by the buyer, we will provide its mold drawing.

ROYAL MK14



Technical Details

Horizontal Reach	45' 12" / 14 M
Vertical Reach	16' 5" / 5 M
Working Range	615 M ²
Machine Weight	2000 KG / 4400 LBS
Ballast Weight	1500 KG / 3300 LBS
Total Weight	3500 KG / 7700 LBS



- Mechanical tower type concrete distributor MK14 standart usage is on leg set system with its mast section.
- By the help of slewing wheel it can easliy rotate
- Mechanical concrete distributors have the opportunity of easy replacement, by being single piece, not requiring any assembly and disassembly and lightweight construction.
- Mechanical concrete distributors are economical solutions with low cost where the mobile concrete pumps or the stationary placing booms cannot have access.
- Ballast weight will be prepared by the buyer, we will provide its mold drawing.

ROYAL HM14

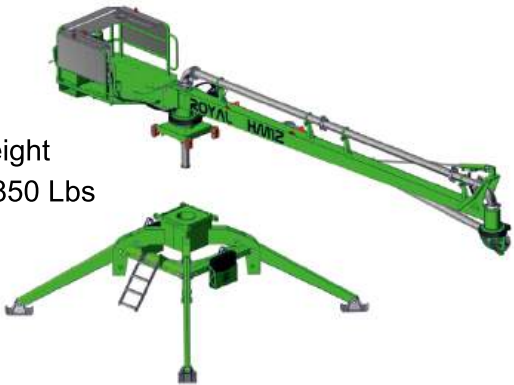
Technical Details

Horizontal Reach	45' 11" / 14 m
Vertical Reach	16' 5" / 5 m
Working Range	600 m²
Machine Weight	2200 kg / 4850 lbs
Ballast Weight	1200 kg / 2645 lbs
Total Weight	3400 kg / 7495 lbs
End Hose Length	1 m
Power / Voltage	5,5 KW 400-480 V - 3 PHASE



Ballast Weight
1200 Kg / 2645 Lbs

Machine Weight
2200 Kg / 4850 Lbs



General Descriptions

- HM 14-16 standart usage is on outrigger.
- Boom sections are made of High strength S700 MC steel and cut buy cnc laser.
- Ballast weight steel case mould will be given to be filled with concrete on construction site by your side.
- All the pin connection bearings are horizontally milled.
- Hydraulic oil pump and connections are located outside the oil tank for ease of diagnose maintenance and service.

Standard Equipments



5,5 kW 400 - 480 V
3 phase , 50 - 60 hz



Radio Control



Proportional
Radio Remote Control



360°

ROYAL HAM14



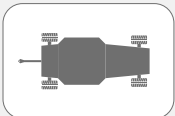
Optional Equipments



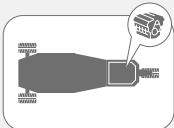
Diesel or Gasoline
Engine



1 m
450 kg / 990 lbs



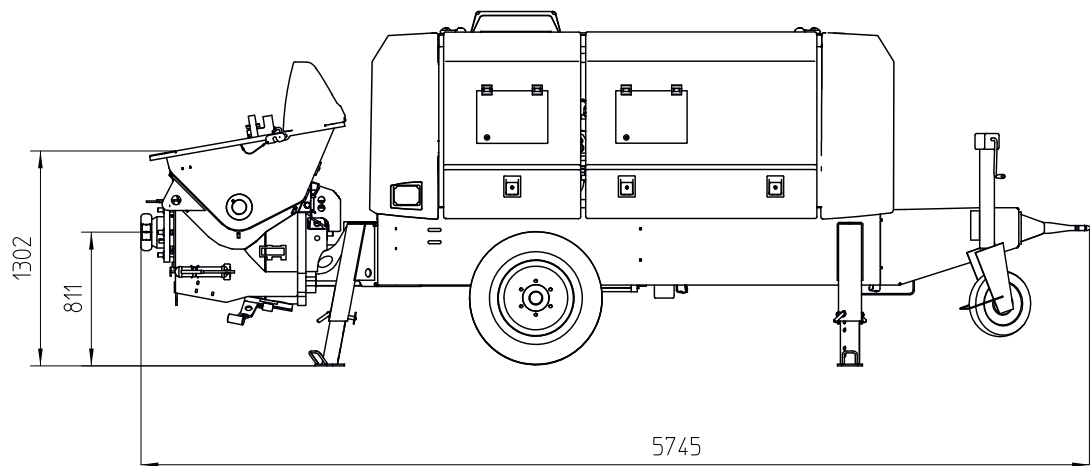
Towable Transporter



T8 Self-Propelled
Transporter

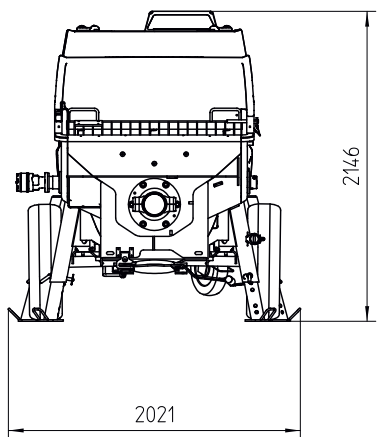


SP 148 E



Performance

Maximum Theoretical Output Capacity		Maximum Theoretical Pressure	
Rod Side	79 (m3/h)	Rod Side	71 bar
Piston Side	53 (m3/h)	Piston Side	106 bar



Stationary Concrete Pump

Standard Features

Agitator safety switch off	
Cable Remote Control	Pumping
Concrete Output Adjust	
Water Pump	50 Lpm@20 bar
Central Lubrication on hopper with hand lever press	
Cleaning Accessories	
Outriggers 4x mech.	
Concrete Hopper With Agitator	
Total Weight	4600 Kg

Optional Features

Air Compressor	800 Lpm
Automatic Lubrication	



Technical Information

Hydraulic System	Closed Loop
Main Pump	A4VG180
Concrete Cylinders Stroke	1400 mm
Concrete Cylinders Diameter	200 mm
Maximum Strokes / Min	
Rod Side	30
Piston Side	20
Valf System	S Tube
S Valve Pump	A10VO28

Hopper Capacity	600 L
Outlet Diameter	DN 150
Mixer Pump	14 cc
Motor Power	110 KW
Line Connection	SK 125 mm
Pressure Connection	5.5"
Control System	EPS FFH
Hydraulic Oil Tank Capacity	350 L

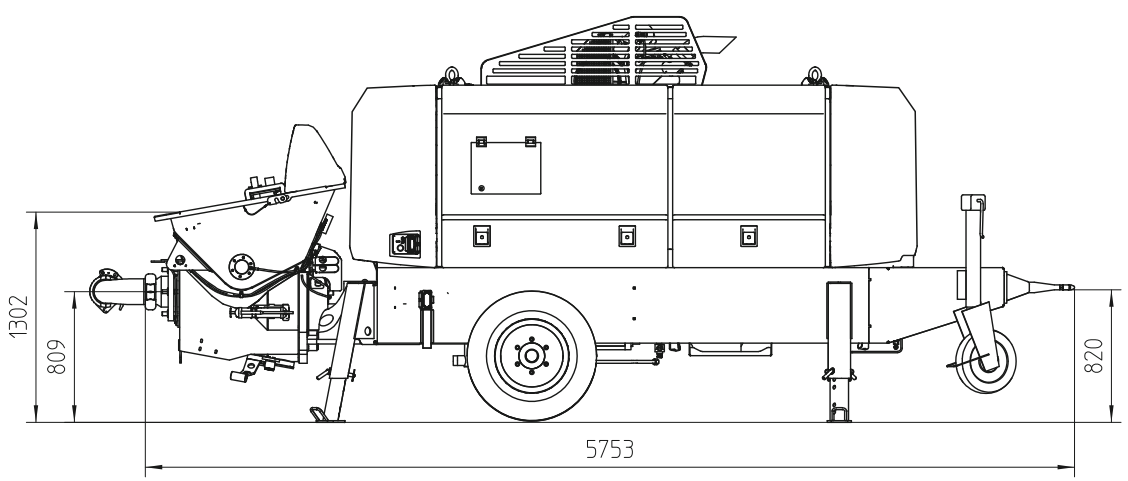




SP 149 D

Performance

Maximum Theoretical Output Capacity	
Rod Side	90 (m3/h)
Piston Side	60 (m3/h)
Maximum Theoretical Pressure	
Rod Side	71 bar
Piston Side	106 bar



Stationary Concrete Pump



Technical Information

Hydraulic System	Closed Loop
Main Pump	A4VG125
Concrete Cylinders Stroke	1400 mm
Concrete Cylinders Diameter	200 mm
Maximum Strokes / Min	
Rod Side	35
Piston Side	23
Valf System	S Tube
S Valve Pump	A10VO28
Number of Shift Cylinders	2
Hydraulic Oil Tank Capacity	350 L
Hopper Capacity	650 L
Outlet Diameter	DN 150
Mixer Pump	14 cc
Fuel Tank	110 L



Cable Radio
Remote Control

Standard Features

Cable Remote Control	Pumping
Water Pump	50 Lpm@20 bar

Engine Details

Brand	VOLVO PENTA	
Power	160 KW	
Displacement	5.1 L	
Emission Available	Stage III	
	Stage IV	
	Stage V	

Optional Features

Wireless Radio Remote Control	Pumping
Air Compressor	800 Lpm
Steel water tank	250 L
Automatic Lubrication	
Total Weight	4600 Kg



SPC 149 D

Performance

Maximum Theoretical Output Capacity	
Rod Side	90 (m3/h)
Piston Side	60 (m3/h)
Maximum Theoretical Pressure	
Rod Side	71 bar
Piston Side	106 bar

Engine Details

Brand	VOLVO PENTA	
Power	160 KW	
Displacement	5.1 L	
Emission Available	Stage III	
	Stage IV	
	Stage V	

Technical Information

Hydraulic System	Closed Loop
Main Pump	A4VG125
Concrete Cylinders Stroke	1400 mm
Concrete Cylinders Diameter	200 mm
Maximum Strokes / Min	
Rod Side	35
Piston Side	23
Valf System	S Tube
S Valve Pump	A10VO28
Number of Shift Cylinders	2
Hydraulic Oil Tank Capacity	350 L
Hopper Capacity	650 L
Outlet Diameter	DN 150
Mixer Pump	14 cc
Fuel Tank	110 L



Cable radio remote control



Wireless radio remote control

Stationary Concrete Pump on Crawler

Standard Features

Radio Remote Control	Driving and Pumping
Cable Remote Control	Driving and Pumping
Air Compressor (Optional)	800 Lpm
Steel water tank	250 L
Water Pump	50 Lpm@20 bar
Automatic Lubrication	
Clip on Rubber Pad for Steel Tracks	
Total Weight	7000 Kg





18 Turbine Shot Blasting Center



CNC Plasma Cutting



Linear Welding Automation



5 Axis Gantry Type Machining Center



Steel Sheets Stock Area



Warehouse



FAIRS

	 • 2013-2016-2019-2022-2025	 2012-2013-2014	 PALAIS DES EXPOSITIONS PMS MARITIMES - ALGER
	 powered by bauma		 • 2017 - 2018 - 2019
		 Kökenlerimiz ve İnşaat Makineleri, Teknoloji ve Akademi Bilimsel Forum	

ORIGIN OF PRODUCTS

 CONCRETE DELIVERY LINE /TURKEY	 HYDRAULIC OIL PUMP /ITALY	 BOOM SHEETS /GERMANY	 HYDRAULIC CIRCUIT PIPES /AUSTRIA
 ELECTRIC MOTOR /GERMANY	 SLEWING HYDRO MOTOR /ITALY	 safety remote control RADIO REMOTE CONTROL /ITALY	 ELECTRICAL SYSTEM /FRANCE
 HYDRAULIC SYSTEM FILTERS /GERMANY	 SLEWING GEAR /SPAIN	 HYDRAULIC SYSTEM OIL /FRANCE	 VALVE BLOCK /TURKEY





BAUMA 2025



ROYAL HD20



SPC 149D



SP148 E



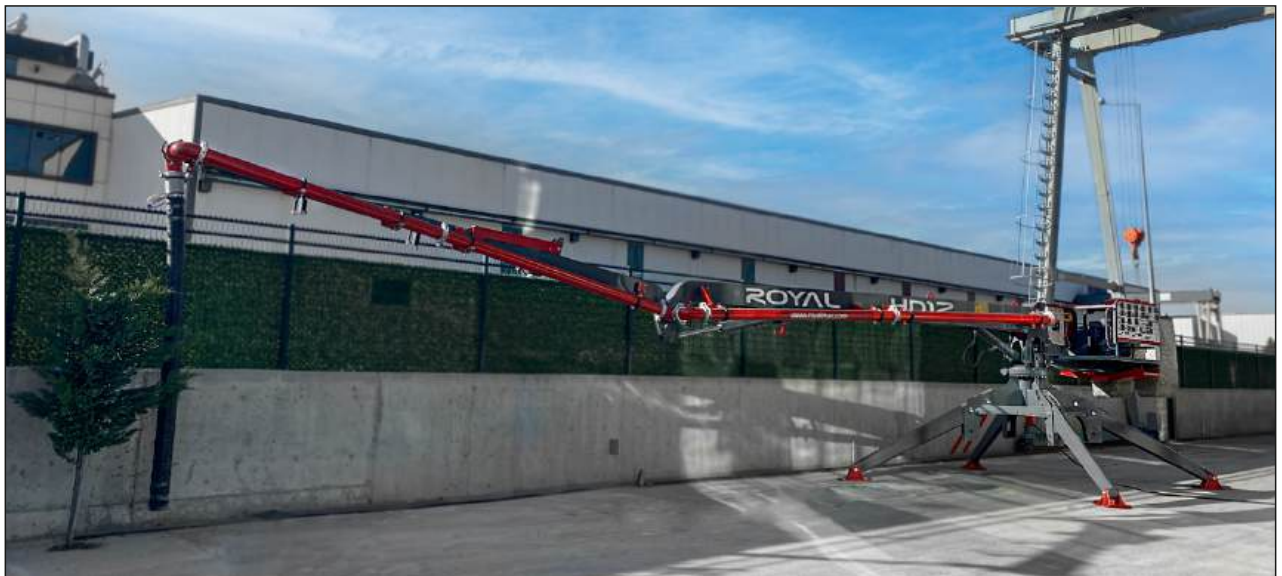
MP24 R24



SPC 149 D



CC4 E+







GALLERY - CONSTRUCTION SITE



TÜRKİYE



PARIS - FRANCE



GERMANY



CANADA



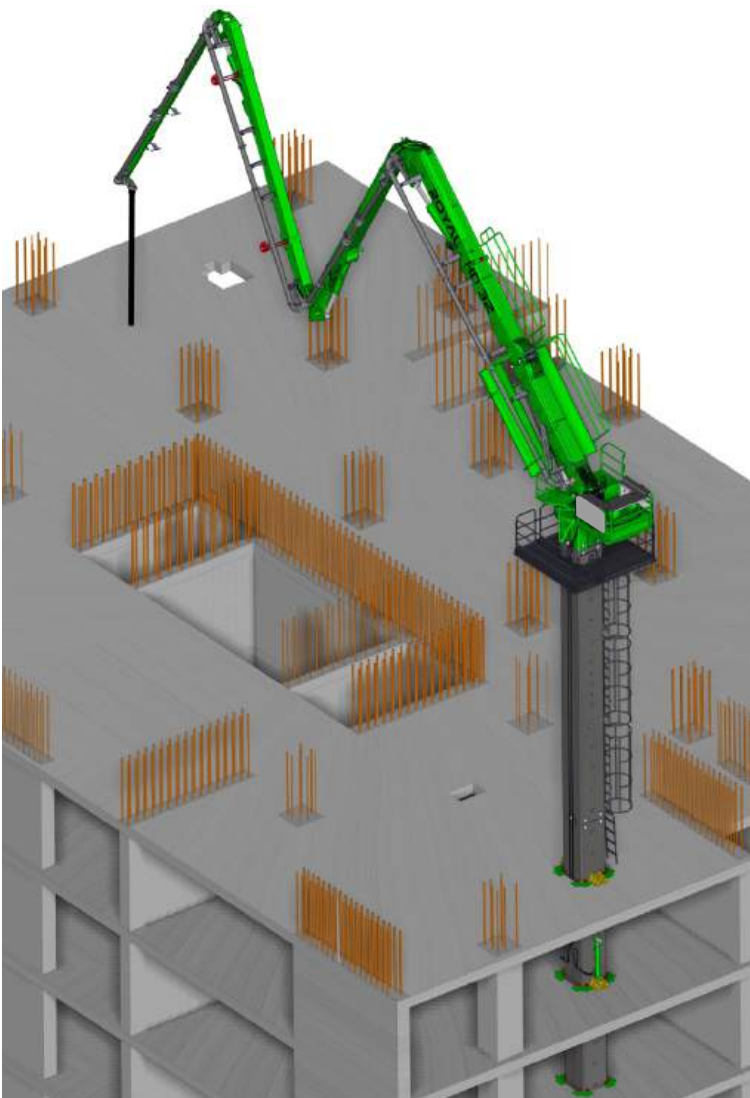
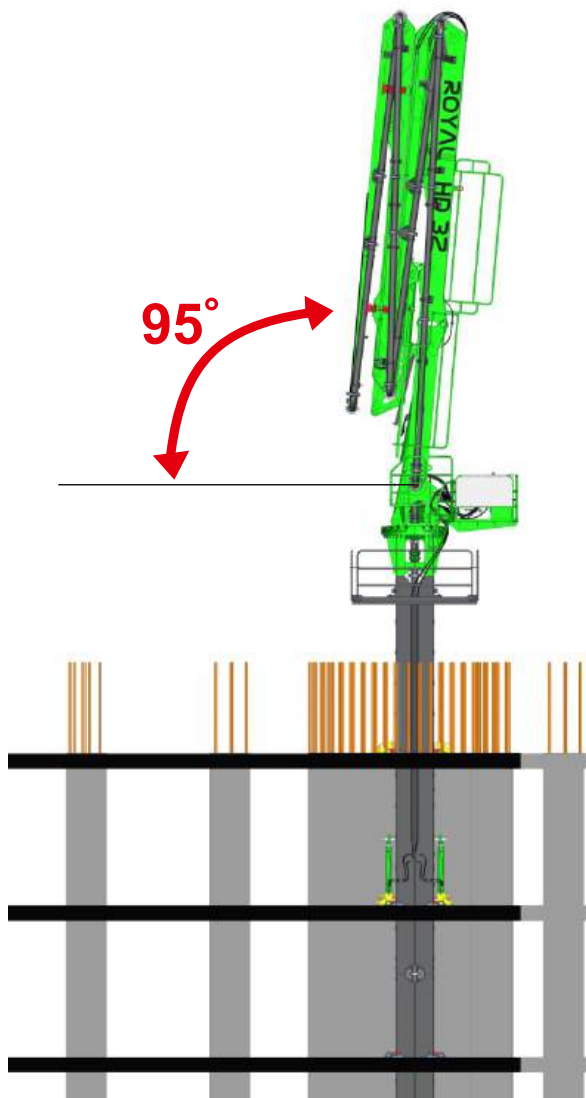
MONTREAL - CANADA



FRANKFURT - GERMANY



CLIMBING POSITION



NOTE

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