

R215 SMART X PLUS



*Design aesthetics & features may vary from actual

OPERATING WEIGHT: 21700 kgs

GROSS POWER : 140 HP @ 2000 rpm

BUCKET CAPACITY: 0.92 - 1.5 m³

 **HD HYUNDAI**
CONSTRUCTION EQUIPMENT
INDIA

Calypso
MACHINERY

DESIGNED FOR SMART WORK

Calypso
MACHINERY

BEST-IN-CLASS PERFORMANCE

- Cyclonic Air Precleaner NEW
- Wide Range of Bucket NEW
- Advanced CAPO System
- Hydraulic Flow Summation
- Swing Priority
- Regeneration System
- Excellent Digging Forces



OPERATOR COMFORT

- Bluetooth FM Radio NEW
- Removable Type Floor Mat NEW
- LED Working Lamps NEW
- Spacious Cabin
- Fully Adjustable Seat
- Enhanced Visibility
- User-friendly Functionality



INCREASED MACHINE DURABILITY

- Superior Lubrication and Wear Protection NEW
- Polymer Shim NEW
- Stub Adapter NEW
- Strengthened Undercarriage
- Proven Upper Structure
- Forged Ring Body
- Reinforced Front Attachment





IMPROVED FUEL EFFICIENCY

- New ECO Mode
- Fuel Saving Kit
- Electro Hydraulic System
- Auto Deceleration System
- Efficient Breaker Mode

SIMPLIFIED MAINTENANCE

- Fuel Filler Pump* NEW
- Easy Serviceability
- Extended Maintenance
- Large Capacity Fluid Tank
- Low Life Cycle Cost

PARTS & SUPPORT

- Remote Management System (Hi-Track)
- Hyundai Genuine Parts
- Max Parts Availability
- On-Site Product Support

ENHANCED SAFETY

- Emergency Shutdown Switch* NEW
- Turbocharge Guard NEW
- Cabin Top Guard* NEW
- Beacon Lamp* NEW
- Swing Lock* NEW
- Seat Belt*

(* Optional)

PERFORMANCE

Calypso
MACHINERY

PRIDE AT WORK

Hyundai construction equipment strives to build state-of-the art earthmoving equipment to give every operator maximum performance, more precision, versatile machine preferences, and proven quality. New technologies designed to improve performance and precision, make the Hyundai excavator smooth, fast and easy to control. Take pride in your work with Hyundai !

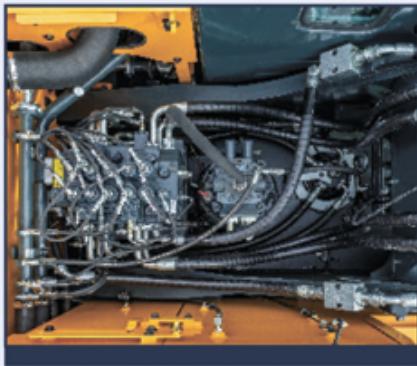
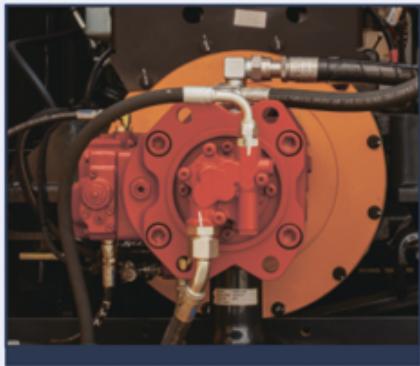


ENGINE

The water cooled, 4 cycle diesel, 6 cylinder in line, direct injection turbocharged engine is built for power, reliability, efficiency.

The engine is manufactured to perform in wide range of heat, humidity and dust conditions without compromising productivity.





HYDRAULIC SYSTEM

Electro Hydraulic Control System provides wide range of flow at various workloads for paramount productivity. Open center design of Main Control Valve (MCV) ensures fast response and maximum efficiency in tough conditions.

CHOICE OF OPERATING MODE

| Working Mode | Advantage |
|--------------|---|
| P Mode | <ul style="list-style-type: none"> • Maximum Power • Fast Cycle time |
| S Mode | <ul style="list-style-type: none"> • Balance between power and fuel efficiency |
| Eco Mode | <ul style="list-style-type: none"> • Better fuel efficiency |
| Breaker Mode | <ul style="list-style-type: none"> • Sets pump flow to optimal level and boosts efficiency |

BEST-IN-CLASS DIGGING FORCES

Higher output even in tough working conditions

- Bucket - 16000 kgf
- Arm - 12600 kgf



BEST-IN-CLASS TRAVEL PERFORMANCE

- Higher Traction Force
- Dual Travel Option
- High Maneuverability

Traction Force : 21100 kgf

EFFICIENT COMBINED OPERATION

Inbuild **Flow Summation** system and **Swing Priority** function leads to faster swing cycle results in excellent output

FUEL EFFICIENCY

Calypso
MACHINERY



IMPROVED FUEL EFFICIENCY

Advanced CAPO System, Newly Designed CMCU, Power & Working Mode options results in excellent fuel efficiency.

FUEL SAVING KIT

- Monitor undue load and cut down losses.
- Provides better fuel efficiency

NEGATIVE FLOW CONTROL

Optimum balance between pump and engine output for better fuel efficiency



ONE TOUCH IDLE & AUTO DECELERATION

Prevents fuel losses by reducing engine rpm during no-load condition

EXCLUSIVE BREAKER MODE

Excellent fuel saving due to exclusive power for breaker operation



ARM REGENERATION SYSTEM

- Smooth Operation
- Prevent Cavitation
- Increased Performance & Fuel Efficiency



INSTRUMENT PANEL

The user-friendly multi language option cluster making it easy to

check all critical systems like

- Hydraulic oil temperature,
- Coolant temperature
- Fuel level
- Self diagnostic checks
- Maintenance management

to optimizing productivity needs ensuring fuel efficiency

OPERATOR COMFORT

OPERATOR DELIGHT

More space, better visibility, powerful air-conditioning and adjustable fully suspension seat, easy to access controls ensure that the operator can work for longer hours without stress or fatigue in the comfortable and safe working environment.

360 degree visibility, fully open sunroof, added side lamp & mirror ensure comfortable, safe working environment.



OPERATOR SEAT

- Easily adjustable fully suspension seat with adjustable arm rest
- Operator seat belt

SPACIOUS CABIN

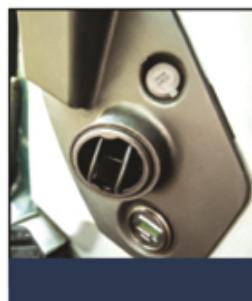
- More head room, large space, large door for easy entry and exit

REMOVABLE TYPE FLOOR MAT



AIR CONDITIONER

- High Performance Air Conditioner
- Improved AC Ducting
- Water Bottle Cooling System



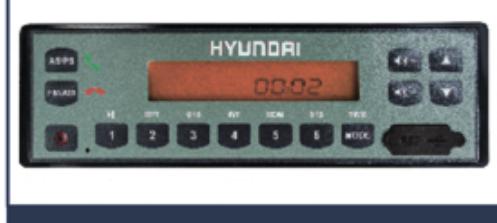
- AC Front Vent
- Hour Meter
- 24V Socket

LED LAMP NEW

SUN VISOR (OPTIONAL)



INTEGRATED AUDIO SYSTEM WITH BLUETOOTH NEW



RELIABILITY



REINFORCED FRONT ATTACHMENTS

Use of specialized advance steel plates and reinforced design for higher strength and durability

HEAVY DUTY BUCKET WITH STUB ADAPTER NEW

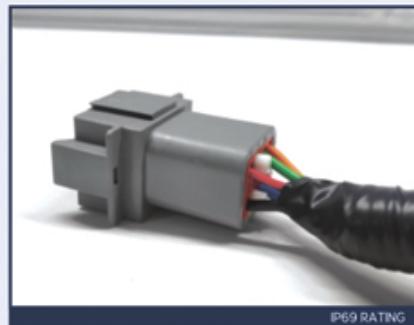
RUGGED UNDERCARRIAGE

X frame provides excellent resistance to torsional bending to enhance structure life



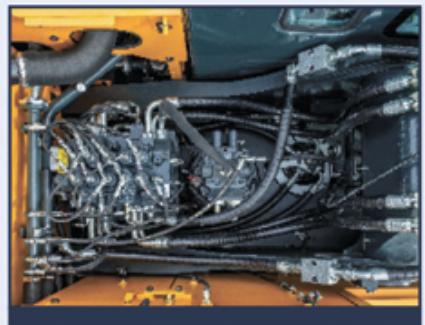
RELIABLE ELECTRICALS

- Dust and water proof connectors
- Longer component life



SWING & TRAVEL SYSTEM

Highly efficient Hyundai designed Swing and Travel System ensure maximum reliability and performance.



REINFORCED IDLER FRAME



LOWER FRAME BELLY GUARD



AIR PRE-CLEANER NEW

- Improves engine performance
- Removes dirt and debris from air before entering air filter
- Improves air filter life
- Low maintenance cost

CASTED BUCKET CONTROL LINK



FORGED RING BODY



SERVICEABILITY

Calypso
MACHINERY

LEADING SERVICE INTERVAL

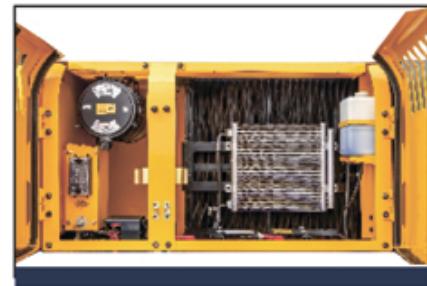
More efficient cooling system which extend service intervals, minimize operating cost and reduce machine down time.

CHANGE INTERVAL

| | |
|------------------|----------|
| Hydraulic Oil | 5000 hrs |
| Hydraulic Filter | 1000 hrs |
| Engine Oil | 500 hrs |
| Engine Filter | 500 hrs |

IMPROVED COOLING EFFICIENCY

- Radiator and oil cooler are arranged side by side to maximize efficiency
- Easily accessible from ground level to clean



LARGE LCD MONITOR

Operator can check the machine's vital signs without any difficulties

- **Maintenance Management**
Proactive maintenance
- **Self Diagnostic**
Reduces down time
- **Warning Indicator**
Ensures safe working



DURABLE MOUNTING PIN BUSH



FUEL FILLER PUMP NEW



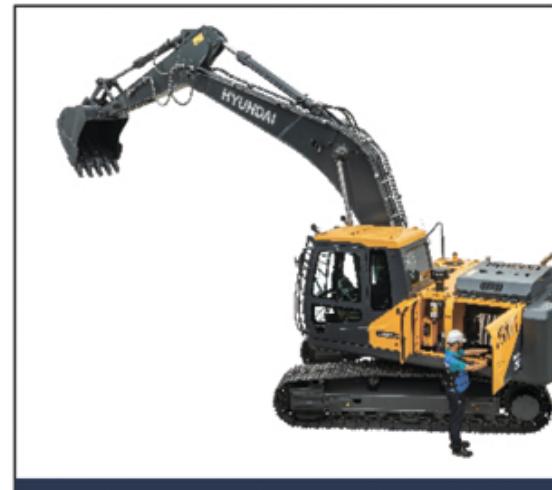
DIMPLE BUSH NEW



HINGED TYPE FRONT GLASS GUARD FOR EASY CLEANING

EASY ACCESSIBILITY

Easy access for maintenance means regular checks get done faster. Hyundai's SMART X PLUS machines feature easy service access to increase uptime and reduce operating costs.



SAFETY - PEACE OF MIND AND OPERATOR CONVENIENCE

Cabin is integrally welded with low-stress using high strength steel to provide enhanced protection. Handrails and steps are provided for easy operation. Engine fan guard avoid chances of accidental injury.



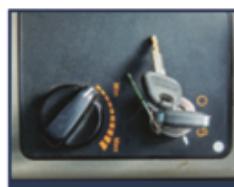
COUNTER BALANCE VALVE

Works as a hydrostatic brake and prevents machine against accidental roll down in steep gradients.



BOOM & ARM HOLDING SYSTEM

Prevent attachments from drifting against gravity due to prolonged overhanging.



ANTI RESTART FUNCTION

Prevents starter from damage during engine operation.

AUTO ENGINE OVERHEAT & WARM UP FUNCTION



BATTERY DISCONNECT SWITCH



LOWER BELLY GUARD



GREASE NIPPLE WITH CAP NEW



POSITIVE LOCKING CLAMP NEW



TANK SAFETY COVER



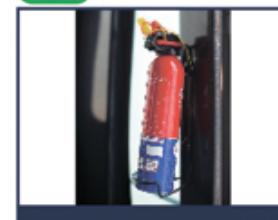
TURBOCHARGE GUARD NEW



EMERGENCY SHUTDOWN SWITCH NEW



FIRE EXTINGUISHER NEW



PARTS & SUPPORT

HYUNDAI GENUINE PARTS

Developed in synergy with our machines, Hyundai parts and lubricants ensure that you get the high levels of performance, reliability and safety that come with the complete Hyundai experience.

Enjoy the confidence and assurance of the most stringent testing procedures and the high quality manufacturing processes safeguarding your machine's health. Experience the versatility of our 200+ strong outlet network across India.

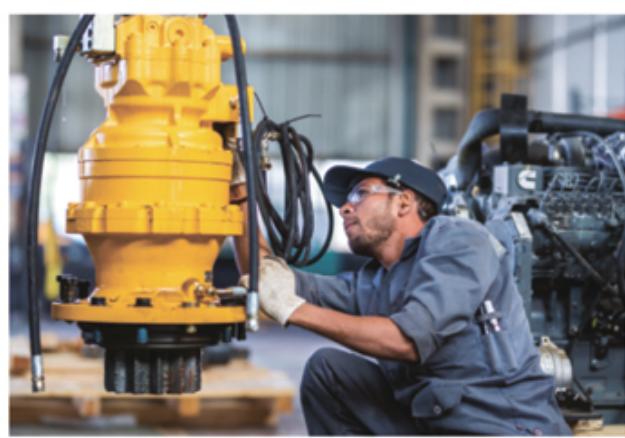
WHY RISK IT?

Maximize profits and extend your machine's life.



BENEFITS OF USING GENUINE HYUNDAI PARTS AND LUBRICANTS

- Genuine Hyundai Parts meet strict specifications and standards in Chemistry, Microstructure and Tensile Strength.
- Benefit from the continuous improvements and advancements made by Hyundai's technical team.
- Improved performance of hydraulics and engine components.
- Enjoy greater productivity with higher uptime
- Higher resale values.
- Reduced oil consumption and unexpected breakdowns.
- Enhanced component life.



SPECIFICATION

Calypso
MACHINERY

Engine

| Maker/Model | | Cummins6BT5.9-C | |
|----------------------------|-----|------------------------------|--|
| Rated flywheel horse power | SAE | J1995 (Gross) J1349 (Net) | 140HP (104KW) @2000rpm 136HP (101KW) @2000rpm |
| Max Torque Displacement | | | 57.6kgf.m @1600rpm 5880cc |

Hydraulic System

| Main pump | |
|---|--|
| Type | Two variable displacement piston pumps |
| Max. flow | 2x220 lpm |
| Sub-pump for pilot circuit | Gear pump |
| Cross-sensing & fuel saving pump system | |

Hydraulic Motors

| | |
|--------|--|
| Travel | Two speed axis piston motor with counter balance valve and parking brake |
| Swing | Axial piston motor with automatic brake |

Relief Valve Settings

| | |
|-------------------|------------------------|
| Implement Circuit | 330kgf/cm ² |
| Travel | 330kgf/cm ² |
| Swing Circuit | 240kgf/cm ² |
| Pilot Circuit | 35kgf/cm ² |
| Service valve | Installed |

Coolant & Lubricant Capacity

| REFILLING | LITER |
|-----------------------------------|---------|
| Fuel tank | 340 |
| Engine coolant | 35 |
| Engine oil | 21 |
| Swing device | 5 |
| Final drive (each) | 6.0 |
| Hydraulic system / Hydraulic tank | 280/150 |

Drives & Brakes

| | |
|-----------------------------|-----------------------------------|
| Drive method | Fully hydrostatic type |
| Drive motor | Axial piston motor in-shoe design |
| Reduction system | Planetary reduction gear |
| Max.drawbar pull | 21100kgf (46500 lbf) |
| Max.travel speed (high/low) | 5.3kmph/3.4kmph |
| Gradeability | 35 Degree (70%) |
| Parking brake | Multi wet disc |

Undercarriage

X-Leg type centre frame is integrally welded with reinforced box section track frames. The undercarriage includes lubricated rollers, idlers, track adjusters with shock absorbing spring and sprockets and trackchain with triple grouse shoes.

| | |
|----------------------------------|---------------------|
| Centre frame | X-leg type |
| Track frame | Pentagonal box type |
| No. of shoes on each side | 48 |
| No. of carrier rollers each side | 2 |
| No. of track rollers each side | 8 |
| No. of rail guard each side | 2 |

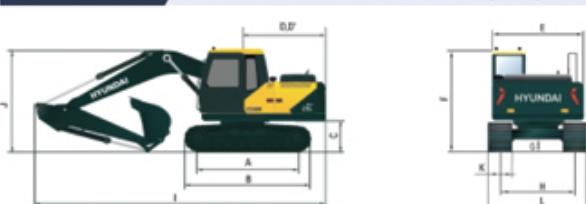
Swing System

| | |
|---------------------------|--------------------------|
| Swing motor | Axial piston motor |
| Swing reduction | Planetary gear reduction |
| Swing bearing lubrication | Grease bathed |
| Swing brake | Multi wet disc |
| Swing speed | 11 rpm |

Operating Weight

| Shoe Width mm (in) | Operating weight kg (lb) | Ground pressure kgf/cm ² (psi) |
|--------------------|--------------------------|---|
| 600 mm (24") | 21,700 (47,840) | 0.47 (6.68) |

Dimensions



| | | |
|----|------------------------------------|------|
| A | Tumbler distance | 3550 |
| B | Overall distance of crawler | 4360 |
| C | Ground clearance of counter weight | 1060 |
| D | Tail swing radius | 2845 |
| D' | Rear-end length | 2770 |
| E | Overall width of upper structure | 2700 |
| F | Overall height of cabin | 2920 |
| G | Min. ground clearance | 480 |
| H | Track gauge | 2390 |
| I | Overall length | 9610 |
| J | Overall height of boom | 3210 |
| K | Track shoe width | 600 |
| L | Overall width | 2990 |

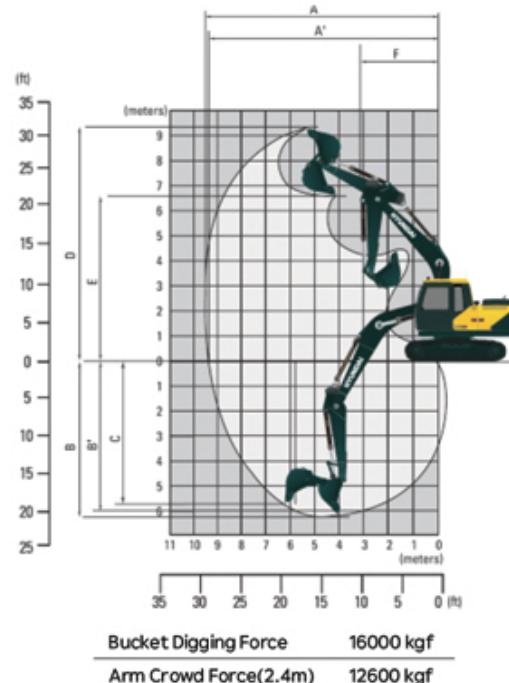
SPECIFICATION

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Working Ranges

(mm)

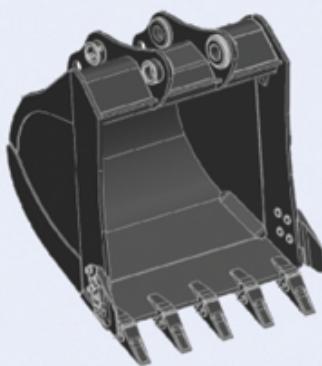
| Arm length | | 2000 | *2400 | 2920 |
|------------|----------------------------------|----------------|---------------|----------------|
| A | Max. digging reach | 9,101 (29'10") | 9,476 (31'1") | 9,952 (32'8") |
| A' | Max. digging reach on ground | 8,928 (29'4") | 9,311 (30'7") | 9,795 (32'2") |
| B | Max. digging depth | 5,836 (19'2") | 6,236 (20'6") | 6,756 (22'2") |
| B' | Max. digging depth(8ft level) | 5,595 (18'4") | 6,027 (19'9") | 6,575 (21'7") |
| C | Max. Vertical wall digging depth | 4,796 (15'9") | 5,190 (17'0") | 5,828 (19'1") |
| D | Max. digging height | 9,030 (29'8") | 9,245 (30'4") | 9,499 (31'2") |
| E | Max. dumping height | 6,254 (20'6") | 6,466 (21'3") | 6,705 (21'12") |
| F | Min. swing radius | 3,789 (12'5") | 3,680 (12'1") | 3,696 (12'2") |



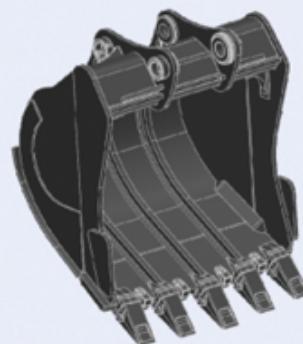
BUCKETS

All buckets are welded with high-strength steel.

GENERAL PURPOSE



HEAVY DUTY



| Capacity - M ³ | | | Width - mm | Weight - kg | Tooth EA | Recommendation | | |
|---------------------------|------------|-------------|------------|-------------|----------|----------------|----------|----------|
| Bucket Type | SAE Heaped | CECE heaped | | | | 5.68m Boom | 3.8t CWT | 2.0m Arm |
| GP | 1.00 | 0.88 | 1116 | 797 | 5 | ● | ● | ● |
| GP | 1.05 | 0.92 | 1132 | 803 | 5 | ● | ● | ● |
| HD | 0.92 | 0.81 | 1041 | 1033 | 5 | ● | ● | ● |
| HD | 0.95 | 0.83 | 1091 | 1059 | 5 | ● | ● | ● |
| Coal | 1.50 | 1.32 | 1258 | 854 | 5 | ■ | ■ | ■ |

● : Applicable for materials with density of $\leq 2,000 \text{ kg/m}^3$

■ : Applicable for materials with density of $\leq 1,600 \text{ kg/m}^3$

▲ : Applicable for materials with density of $\leq 1,100 \text{ kg/m}^3$

SPECIFICATION

ATTACHMENT

Boom and arm are of all-welded with a low-stress, full-box section design. 5.68m (18'8") mono boom and 2.0m (6'7"), 2.4m (7'10") 2.92m (9'7") Arm are available. Buckets are all-welded, high-steel implements.

DIGGING FORCE

| Arm | Length | mm(ft.in) | 2,000 (6'7") | *2,400 (7'10") | 2,920 (9'7") |
|----------------------|--------|-----------|--------------|----------------|--------------|
| | Weight | kg(lbs) | 614 (1,354) | 718 (1,583) | 735 (1,620) |
| Bucket Digging Force | SAE | kN | 134 | 134 | 134 |
| | | kgf | 13,600 | 13,600 | 13,600 |
| | | lbf | 30,100 | 30,100 | 30,100 |
| | ISO | kN | 157 | 157 | 157 |
| | | kgf | 16,000 | 16,000 | 16,000 |
| | | lbf | 35,200 | 35,200 | 35,200 |
| Arm Crowd Force | SAE | kN | 140 | 118 | 99 |
| | | kgf | 14,300 | 12,000 | 10,100 |
| | | lbf | 31,500 | 26,500 | 22,300 |
| | ISO | kN | 148 | 124 | 104 |
| | | kgf | 15,100 | 12,600 | 10,600 |
| | | lbf | 33,300 | 27,800 | 23,300 |

*Standard arm

LIFTING CAPACITIES

LIFTING CAPACITIES R215 SMART PLUS



Rating over-front



Rating over-side

| Boom type | Length[mm] | Arm type | | Length[mm] | BK type | Capa.[m] | CWT[kg] | Shoe(wheel)[mm] | | | |
|--------------------------|------------|--------------------|------------------|-------------------|-------------------|-------------------|----------------|-----------------|----------------|-------------------|--------------------------|
| GP | 5680 | GP | | 2000 | HD | 0.95 | 3800 | 600 | | | |
| Lift-point height (m/ft) | | Lift-point radius | | | | | | | | At max. reach | |
| | | 3.0m (9.8ft) | | 4.5m (14.8ft) | | 6.0m (19.7ft) | | 7.5m (24.6ft) | | Capacity | Reach |
| | | | | | | | | | | | |
| 7.5m 24.6ft | kg lb | | | | | | | | | *5,280 *11,640 | *5,280 *11,640 (16.2) |
| 6.0m 19.7ft | kg lb | | | | | *5,010 *11,050 | 4,510 9,940 | | | *5,070 *11,180 | 4,120 9,080 (20.7) |
| 4.5m 14.8ft | kg lb | | | *6,300 *13,890 | *6,300 *13,890 | *5,310 *11,710 | 4,390 9,680 | | | *5,090 *11,220 | 3,310 7,300 (23.4) |
| 3.0m 9.8ft | kg lb | | | | | *5,970 *13,160 | 4,160 9,170 | 4,950 10,910 | 2,970 6,550 | 4,910 10,820 | 2,940 6,480 (24.7) |
| 1.5m 4.9ft | kg lb | | | | | *6,640 *14,640 | 3,950 8,710 | 4,860 10,710 | 2,890 6,370 | 4,730 10,430 | 2,810 6,190 (25.1) |
| 0.0m 0.0ft | kg lb | | | *9,660 *21,300 | 5,690 12,540 | 6,630 14,620 | 3,830 8,440 | | | 4,860 10,710 | 2,870 6,330 (24.4) |
| -1.5m -4.9ft | kg lb | | | *9,410 *20,750 | 5,700 12,570 | 6,610 14,570 | 3,810 8,400 | | | 5,420 11,950 | 3,180 7,010 (22.6) |
| -3.0m -9.8ft | kg lb | *11,430 *25,200 | 11,240 24,780 | *8,420 *18,560 | 5,830 12,850 | | | | | *6,090 *13,430 | 3,990 8,800 (19.5) |
| -4.5m -14.8ft | kg lb | | | | | | | | | | |

| Boom type | Length[mm] | Arm type | | Length[mm] | BK type | Capa.[m] | CWT[kg] | Shoe(wheel)[mm] | | | |
|--------------------------|------------|--------------------|-------------------|-------------------|-------------------|-------------------|-----------------|-------------------|----------------|-------------------|--------------------------|
| GP | 5680 | GP | | 2400 | HD | 0.95 | 3800 | 600 | | | |
| Lift-point height (m/ft) | | Lift-point radius | | | | | | | | At max. reach | |
| | | 3.0m (9.8ft) | | 4.5m (14.8ft) | | 6.0m (19.7ft) | | 7.5m (24.6ft) | | Capacity | Reach |
| | | | | | | | | | | | |
| 7.5m 24.6ft | kg lb | | | | | | | | | *4,780 *10,540 | *4,780 *10,540 (18.1) |
| 6.0m 19.7ft | kg lb | | | | | *4,570 *10,080 | 4,560 10,050 | | | *4,670 *10,300 | 3,680 8,110 (22.2) |
| 4.5m 14.8ft | kg lb | | | *5,770 *12,720 | *5,770 *12,720 | *4,960 *10,930 | 4,410 9,720 | *4,720 *10,410 | 3,040 6,700 | *4,720 *10,410 | 3,020 6,660 (24.7) |
| 3.0m 9.8ft | kg lb | | | *7,400 *16,310 | 6,330 13,960 | *5,660 *12,480 | 4,170 9,190 | *4,930 *10,780 | 2,960 6,530 | 4,530 9,990 | 2,700 5,950 (26.0) |
| 1.5m 4.9ft | kg lb | | | *8,850 *19,510 | 5,850 12,900 | *6,390 *14,090 | 3,930 8,660 | 4,830 10,650 | 2,850 6,280 | 4,370 9,630 | 2,580 5,690 (26.3) |
| 0.0m 0.0ft | kg lb | | | *9,510 *20,970 | 5,630 12,410 | 6,580 14,510 | 3,780 8,330 | 4,750 10,470 | 2,780 6,130 | 4,470 9,850 | 2,630 5,800 (25.7) |
| -1.5m -4.9ft | kg lb | *9,900 *21,830 | *9,900 *21,830 | *9,460 *20,860 | 5,600 12,350 | 6530 14,400 | 3,730 8,220 | | | 4,920 10,850 | 2,880 6,350 (24.0) |
| -3.0m -9.8ft | kg lb | *12,200 *26,900 | 11,000 24,250 | *8,710 *19,200 | 5,700 12,570 | *6,380 *14,070 | 3,810 8,400 | | | *5,760 *12,700 | 3,500 7,720 (21.1) |
| -4.5m -14.8ft | kg lb | *9,360 *20,640 | *9,360 *20,640 | *6,620 *14,590 | 6,000 13,230 | | | | | *5,800 *12,790 | 5,300 11,680 (16.2) |

LIFTING CAPACITIES

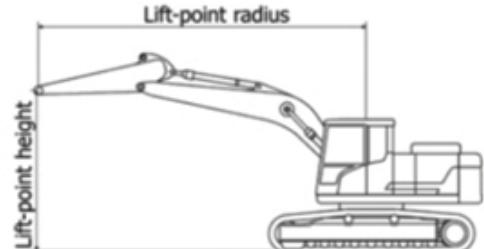
| Boom type | Length[mm] | Arm type | Length[mm] | | BK type | Capa.[m ³] | CWT[kg] | | Shoe(wheel)[mm] | | | |
|--------------------------|--|--------------------|--------------------|--------------------|--------------------|------------------------|-------------------|------------------|-------------------|-----------------|-------------------|-------------------------|
| GP | 5680 <th>GP</th> <td data-cs="2" data-kind="parent">2920</td> <td data-kind="ghost"></td> <th>HD</th> <td>0.95</td> <td data-cs="2" data-kind="parent">3800</td> <td data-kind="ghost"></td> <td data-cs="3" data-kind="parent">600</td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> | GP | 2920 | | HD | 0.95 | 3800 | | 600 | | | |
| Lift-point height (m/ft) | Lift-point radius | | | | | | | | | At max. reach | | |
| | 1.5m (4.9ft) | | 3.0m (9.8ft) | | 4.5m (14.8ft) | | 6.0m (19.7ft) | | 7.5m (24.6ft) | | Capacity | |
| | | | | | | | | | | | Reach | |
| 7.5m 24.6ft | kg lb | | | | | | *4,210 *9,280 | *4,210 *9,280 | | | *3,550 *7,830 | *3,550 *7,830 (20.3) |
| 6.0m 19.7ft | kg lb | | | | | | *4,090 *9,020 | *4,090 *9,020 | | | *3,260 *7,190 | *3,260 *7,190 (24.0) |
| 4.5m 14.8ft | kg lb | | | | | | *4,540 *10,010 | 4,500 9,920 | *4,310 *9,500 | 3,100 6,830 | *3,190 *7,030 | 2,740 6,040 (26.3) |
| 3.0m 9.8ft | kg lb | | | | | | *6,780 *14,950 | 6,520 14,370 | *5,300 *11,680 | 4,240 9,350 | *4,640 *10,230 | 3,000 6,610 |
| 1.5m 4.9ft | kg lb | | | | | | *8,390 *18,500 | 5,980 13,180 | *6,120 *13,490 | 3,990 8,800 | 4,850 10,690 | 2,870 6,330 |
| 0.0m 0.0ft | kg lb | | | | | | *9,340 *20,590 | 5,680 12,520 | 6,610 14,570 | 3,800 8,380 | 4,750 10,470 | 2,780 6,130 |
| -1.5m -4.9ft | kg lb | *5,890 *12,990 | *5,890 *12,990 | *9,640 *21,250 | *9,640 *21,250 | *9,550 *21,050 | 5,590 12,320 | 6,520 14,370 | 3,720 8,200 | 4,710 10,380 | 2,740 6,040 | 4,430 9,770 |
| -3.0m -9.8ft | kg lb | *10,380 *22,880 | *10,380 *22,880 | *13,140 *28,970 | 10,860 23,940 | *9,080 *20,020 | 5,640 12,430 | 6,550 14,440 | 3,740 8,250 | | | 5,240 11,550 |
| -4.5m -14.8ft | kg lb | | | *10,800 *23,810 | *10,800 *23,810 | *7,600 *16,760 | 5,850 12,900 | | | | | *5,630 *12,410 |
| | | | | | | | | | | | | 4,240 9,350 (18.6) |

Notes: 1. Lifting capacity are based on ISO 10567.

2. Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

4. (*) indicates load limited by hydraulic capacity.



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