

# SPECIAL PRODUCT LINE

HYUNDAI CONSTRUCTION EQUIPMENT



**TELESCOPIC DIPPER  
MATERIAL HANDLER  
DUST SUPPRESSION  
DEMOLITION  
AMPHIBIOUS & UPPER BODY SELECTION  
FOREST CARRIER  
ROCK DRILL  
RAIL GUIDE  
FRONT SHOVEL & LONG REACH  
ELECTRIC EXCAVATOR  
SPECIAL ATTACHMENT OF WHEEL LOADER**

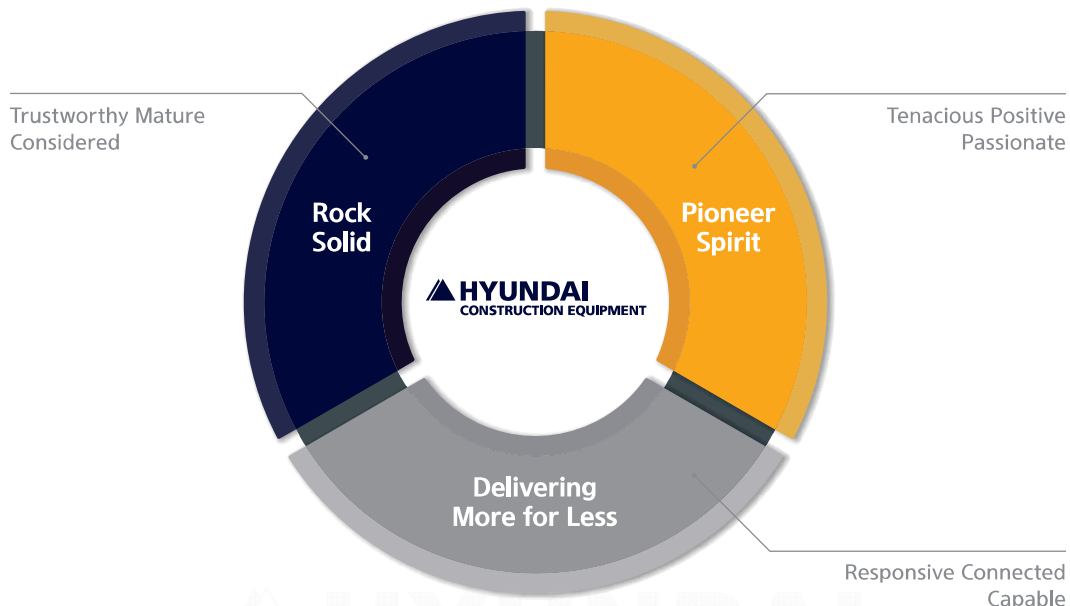


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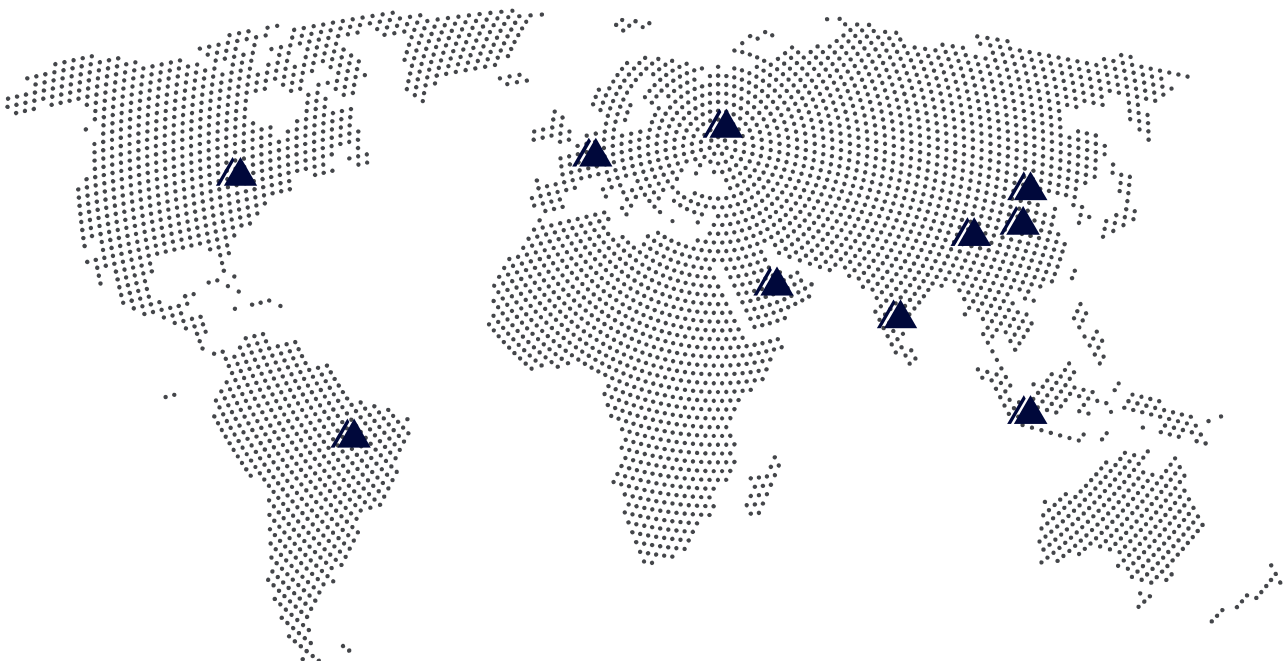
## Solution for Total Construction

We provide several machines with a wide range of model choices. We not only provide machines, but also support for your products. From 1.6 ton to 120 ton excavators with wheel loaders, we provide a total solution with our special products.



## World Class - Advanced Base to be Your Side

To keep you operating, we provide quick service support. We do this by having many Hyundai bases that support thousands of dealers all over the world. Along with Hyundai's standard machine network, these special products will give you great satisfaction.



# TELESCOPIC DIPPER

MOVING YOU **FURTHER**



| Model        | Emission | Max. Depth | Bucket Capacity    |
|--------------|----------|------------|--------------------|
| R220LC-9S TS | Tier-2   | 21.0 m     | 0.6 m <sup>3</sup> |
| R300LC-9S TS |          | 25.0 m     | 0.9 m <sup>3</sup> |
| R330LC-9S TS |          | 25.0 m     | 0.9 m <sup>3</sup> |
| R380LC-9S TS |          | 30.0 m     | 1.4 m <sup>3</sup> |
| R430LC-9S TS |          | 30.0 m     | 1.4 m <sup>3</sup> |

| Model    | Emission | Max. Depth | Bucket Capacity    |
|----------|----------|------------|--------------------|
| HX220 TS | Tier-4F  | 21.0 m     | 0.6 m <sup>3</sup> |
| HX300 TS |          | 25.0 m     | 0.9 m <sup>3</sup> |
| HX330 TS |          | 25.0 m     | 0.9 m <sup>3</sup> |
| HX380 TS |          | 30.0 m     | 1.4 m <sup>3</sup> |
| HX430 TS |          | 30.0 m     | 1.4 m <sup>3</sup> |

**HYUNDAI Telescopic Dipper** has outstanding performance for underground sites. Hydraulic Clamshell Bucket is standard feature with Cabin sliding function. Vertical sensor and extra camera system make sites safe for the operator.

Thanks to its special structure, an extremely long distance is available from the ground to the target area with a maximum 25 / 30 meter depth.

Those features make this machine better than the previous long reach models, when viewing site cost & working time.



▲Movie



| Model                        | Emission | Max. Reach | Max. Height |
|------------------------------|----------|------------|-------------|
| R210W-9S MH                  | Tier-2   | 10.7 m     | 12.0 m      |
| R220LC-9S MH                 |          | 11.0 m     | 12.2 m      |
| R300LC-9S MH                 |          | 13.0 m     | 14.3 m      |
| R380LC-9S MH (2 Piece Front) |          | 14.4 m     | 15.5 m      |
| R480LC-9S MH (3 Piece Front) |          | 16.4 m     | 17.9 m      |

| Model                    | Emission | Max. Reach | Max. Height |
|--------------------------|----------|------------|-------------|
| HW250 MH                 | Tier-4F  | 10.7 m     | 12.0 m      |
| HX220 MH                 |          | 11.0 m     | 12.2 m      |
| HX300 MH                 |          | 13.0 m     | 14.3 m      |
| HX380 MH (2 Piece Front) |          | 14.4 m     | 15.5 m      |
| HX480 MH (3 Piece Front) |          | 16.4 m     | 17.9 m      |

**HYUNDAI Material Handlers** are well prepared for the Waste Handling & Recycling Site. Including the recently developed product HX series, middle class excavators can be the good application for several purposes as a robust material handler.



Orange Grappler Application



Sorting Grap (Rake)



Magnet



▲Movie

# DUST SUPPRESSION

MOVING YOU **FURTHER**



| Model        | Emission | Max. Reach | Max. Height | Water Tank  |
|--------------|----------|------------|-------------|-------------|
| R480LC-9S DS | Tier-2   | 16.4 m     | 17.6 m      | 2,500 liter |
| HX480 DS     | Tier-4F  |            |             |             |

**HYUNDAI Dust Suppression** is an upgrade for Material Handlers and is equipped with a self water spraying system. Not only to remove dust directly, but it is also available for machine cleaning by itself. Thanks to robust & large volume of water tank, operator can work without other watering devices in the waste-handling site.



Water Spray Nozzle installed (Total 4 ea)



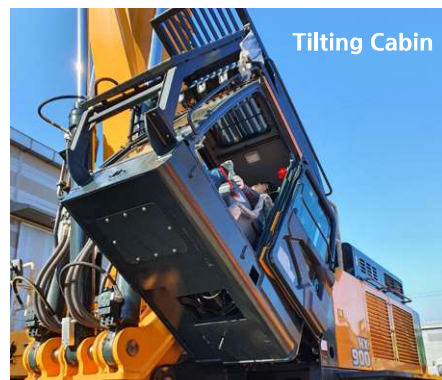
Self Cleaning Hose installed



Water Tank installed



▲Movie



Tilting Cabin



Full Track Guard

| Model        | Emission | Max. Height | Allowable Weight of Attachment |
|--------------|----------|-------------|--------------------------------|
| R380LC-9S DM | Tier-2   | 21.0 m      | 2.2 ton                        |
| R480LC-9S DM |          | 25.0 m      | 2.2 ton                        |
| R520LC-9S DM |          | 28.0 m      | 2.2 ton                        |
| R850LC-9 DM  |          | 35.0 m      | 2 ~ 3 ton                      |

| Model    | Emission | Max. Height            | Allowable Weight of Attachment |
|----------|----------|------------------------|--------------------------------|
| HX380 DM | Tier-4F  | 21.0 m                 | 2.2 ton                        |
| HX520 DM |          | 28.0 m                 | 2.2 ton                        |
| HX900 DM |          | 42.0 m                 | 2 ton                          |
|          |          | 19.0 m (Digging Front) |                                |

**HYUNDAI Demolition** gives great satisfaction not only to the operator but to site managers as well, since people can do the job on the ground instead of on top of buildings like previously. From 21 meter to 42 meter, same height as the 5th floor to 15th floor building demolition, HYUNDAI serves several class machines with Special attachments.



Pulverizer

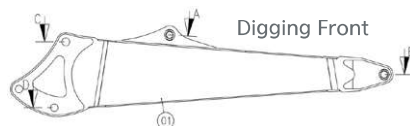
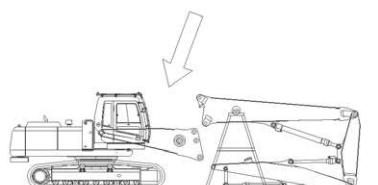


Sorting Grab



Multi Processor

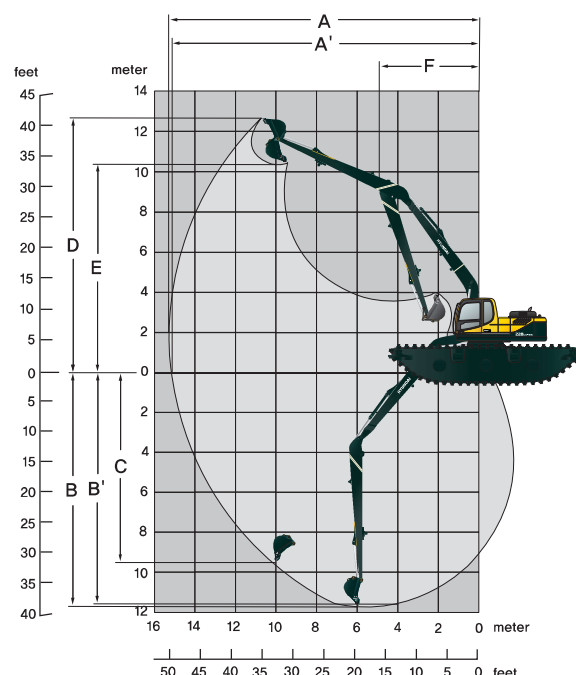
In addition, HYUNDAI demolition excavators can be converted to ordinary machines for digging by "Digging Front" option which can connect the digging arm and the bucket.



▲Movie

# AMPHIBIOUS & UPPER BODY SELECTION

MOVING YOU **FURTHER**



**HYUNDAI Amphibious Excavator,**  
R220LC-9S AMP is designed for your dredging work  
in the river site.

Thanks to its long boom & arm, Maximum digging is 10.6 m.

R220LC-9S AMP can give more opportunities for your  
variable work sites.

## R220LC-9S AMP WORKING RANGE

Unit : mm (ft · in)

|                                    |                     |
|------------------------------------|---------------------|
| Boom length                        | 8,200 mm (26' 11")  |
| Arm length                         | 6,300 mm (20' 8")   |
| A Max. digging reach               | 15,220 mm (49' 11") |
| A' Max. digging reach on ground    | 14,940 mm (588.2")  |
| B Max. digging depth               | 10,630 mm (418.5")  |
| B' Max. digging depth (8 ft level) | 10,520 mm (414.2")  |
| C Max. vertical wall digging depth | 8,480 mm (333.9")   |
| D Max. digging height              | 13,670 mm (538.2")  |
| E Max. dumping height              | 11,410 mm (449.2")  |
| F Min. swing radius                | 4,870 mm (16' 0")   |

\* B Max digging depth can be 11,770mm(38' 61") if the machine floats on the water.

Furthermore, HYUNDAI prepared the below model's upper body selection, therefore you can have more choices.



Body Supply



Long Reach Option

| Model       | Emission | Body Supply     | Long Reach Option |
|-------------|----------|-----------------|-------------------|
| R140LC-9SUP | Tier-2   | Excavator Upper | Max. Reach 12.3 m |
| R220LC-9SUP |          | Excavator Upper | Max. Reach 15.2 m |
| R260LC-9SUP |          | Excavator Upper | Max. Reach 16.8 m |
| R300LC-9SUP |          | Excavator Upper | Max. Reach 18.4 m |
| R380LC-9SUP |          | Excavator Upper | Max. Reach 18.4 m |



▲Movie

# FOREST CARRIER

MOVING YOU **FURTHER**



Heavy Duty Rear Guarding Rail and Full Protection Rail.



2 Pieces of Under-cover can help easy maintenance.



Heavy Duty Track with Full Track Guard installed.



Boom Lamp can be protected fully in any cases.



Cabin Lamp as LED style for customer satisfaction with side lamp additional.



Rear Camera is fully protected by welding type protection plate.



Fuel and Hydraulic Oil inlet can be protected from the harsh site condition.



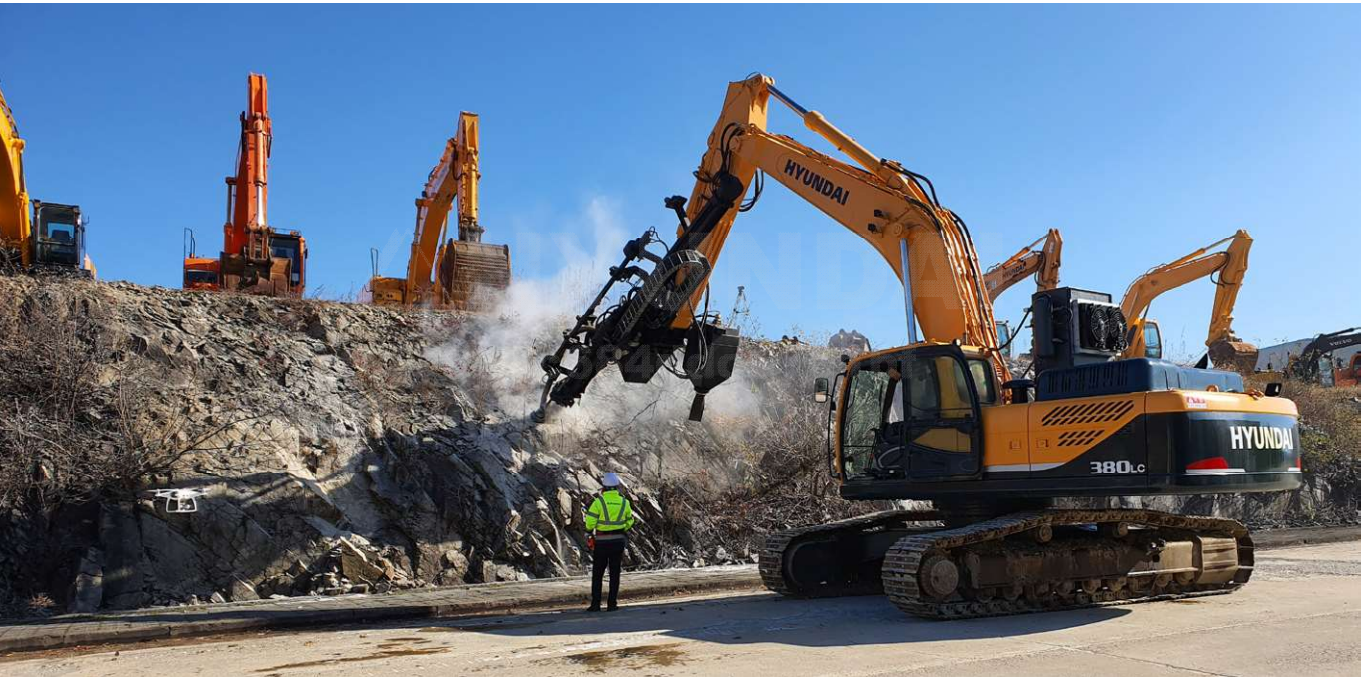
Boom Cylinder Guard can protect them from the harsh site condition.

| Model               | Emission | Max. Height | Max. Reach |
|---------------------|----------|-------------|------------|
| <b>R260LC-9S FC</b> | Tier-2   | 9.9 m       | 8.8 m      |
| -Straight Boom      |          | 10.9 m      | 9.0 m      |
| <b>R300LC-9S FC</b> |          | 10.5 m      | 9.3 m      |
| -Straight Boom      |          | 11.3 m      | 9.5 m      |
| <b>R330LC-9S FC</b> |          | 11.0 m      | 9.5 m      |
| -Straight Boom      |          | 11.4 m      | 9.8 m      |

| Model              | Emission | Max. Height | Max. Reach |
|--------------------|----------|-------------|------------|
| <b>R250LC-9 FC</b> | Tier-3   | 9.9 m       | 8.8 m      |
| -Straight Boom     |          | 10.9 m      | 9.0 m      |
| <b>R290LC-9 FC</b> |          | 10.5 m      | 9.3 m      |
| -Straight Boom     |          | 11.3 m      | 9.5 m      |
| <b>R320LC-9 FC</b> |          | 11.0 m      | 9.5 m      |
| -Straight Boom     |          | 11.4 m      | 9.8 m      |

**HYUNDAI Forest Carrier** is the product for your harsh forest applications. With an enhanced durable cabin, heavy duty under guarding, and extra plates, machines can handle the tough terrain.

Not only for the standard boom, Specialized Straight Booms make a wider working range for you. A Wood Grab attachment is available for selection as well.



| Model        | Emission | Max. Depth | Bit Diameter |
|--------------|----------|------------|--------------|
| R300LC-9S RD | Tier-2   | 15.0 m     | 76.0 mm      |
| R380LC-9S RD |          | 21.0 m     | 89.0 mm      |

| Model    | Emission | Max. Depth | Bit Diameter |
|----------|----------|------------|--------------|
| HX300 RD | Tier-4F  | 15.0 m     | 76.0 mm      |
| HX380 RD |          | 21.0 m     | 89.0 mm      |

**HYUNDAI ROCK DRILL** is the attachment product for large class excavators. The drill is under 'Remote Control' and helps produce more precise work than other drill machines.

Further more, this attachable drill system can be removed easily and allows the operator to replace the original bucket or attachment at the end of the day. This all could be done with only one excavator, **HYUNDAI ROCK DRILL**.

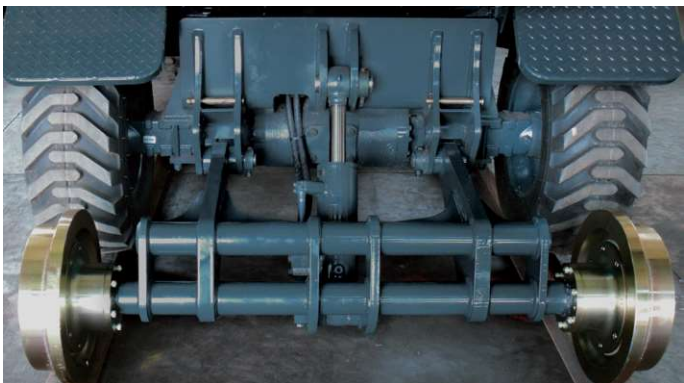


▲Movie



| Model       | Emission | Feature                                                    |
|-------------|----------|------------------------------------------------------------|
| R60W-9S RG  | Tier-2   | Traveling on a railroad track with both direction.         |
| R140W-9S RG |          | Rail Guide Axle installed in the machine back and forward. |
| R210W-9S RG |          |                                                            |

| Model    | Emission | Feature                                                    |
|----------|----------|------------------------------------------------------------|
| HW60 RG  | Tier-4F  | Traveling on a railroad track with both direction.         |
| HW140 RG |          | Rail Guide Axle installed in the machine back and forward. |
| HW210 RG |          |                                                            |



**HYUNDAI RAIL GUIDE** is a simple solution for your railing work.

With minimal modification on its base excavators, Rail Guide Axle can lead the machine in the right way.

With the Excavator's hydraulic power, both guide axles are being lifted.

# FRONT SHOVEL & LONG REACH

MOVING YOU **FURTHER**



## FRONT SHOVEL

| Model        | Emission | Max. Reach | Bucket Capacity |
|--------------|----------|------------|-----------------|
| R380LC-9S FS | Tier-2   | 8.5 m      | 2.2 m³          |
| R480LC-9S FS |          | 8.7 m      | 2.3 m³          |
| R520LC-9S FS |          | 8.7 m      | 2.6 m³          |
| R850LC-9 FS  |          | 10.0 m     | 5.5 m³          |

| Model    | Emission | Max. Reach | Bucket Capacity |
|----------|----------|------------|-----------------|
| HX380 FS | Tier-4F  | 8.5 m      | 2.2 m³          |
| HX480 FS |          | 8.7 m      | 2.3 m³          |
| HX520 FS |          | 8.7 m      | 2.6 m³          |
| HX900 FS |          | 10.0 m     | 5.5 m³          |

## LONG REACH

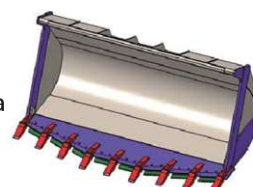
| Model        | Emission | Max. Reach | Bucket Capacity |
|--------------|----------|------------|-----------------|
| R220LC-9S LR | Tier-2   | 15.2 m     | 0.52 m³         |
| R260LC-9S LR |          | 16.8 m     | 0.5 m³          |
| R260LC-9S LR |          | 18.3 m     | 0.45 m³         |
| R300LC-9S LR |          | 18.5 m     | 0.52 m³         |
| R330LC-9S LR |          | 18.4 m     | 0.66 m³         |
| R380LC-9S LR |          | 18.4 m     | 0.66 m³         |
| R430LC-9S LR |          | 18.4 m     | 0.81 m³         |
| R480LC-9S LR |          | 19.7 m     | 0.92 m³         |
| R520LC-9S LR |          | 19.7 m     | 0.92 m³         |
| R850LC-9S LR |          | 24.0 m     | 1.21 m³         |

| Model    | Emission | Max. Reach | Bucket Capacity |
|----------|----------|------------|-----------------|
| HX220 LR | Tier-4F  | 15.2 m     | 0.52 m³         |
| HX260 LR |          | 16.8 m     | 0.5 m³          |
| HX260 LR |          | 18.3 m     | 0.45 m³         |
| HX300 LR |          | 18.5 m     | 0.52 m³         |
| HX330 LR |          | 18.4 m     | 0.66 m³         |
| HX380 LR |          | 18.4 m     | 0.66 m³         |
| HX430 LR |          | 18.4 m     | 0.81 m³         |
| HX480 LR |          | 19.7 m     | 0.92 m³         |
| HX520 LR |          | 19.7 m     | 0.92 m³         |
| HX900 LR |          | 24.0 m     | 1.21 m³         |

**HYUNDAI Front Shovel Excavators** are equipped with the bucket for tough working conditions.

The 'V-SHAPE LIP' option is also available for your selection. Thanks to its 'Bottom Dump' structure, operators can reduce the excavator's movements to a minimum.

In addition, we make a wide range of Long Reach Excavators in order to provide more choices for your various work site conditions.



▲Movie

# Electric Excavator : R300LC-E & HX380E

MOVING YOU **FURTHER**



| Item       | Unit  | R300LC-E | HX380E |
|------------|-------|----------|--------|
| Horsepower | ps    | 218      | 300    |
| RPM        | rpm   | 1,785    | 1,785  |
| Torque     | kgf.m | 87.3     | 120.0  |

## DIFFERENT TYPES OF ATTACHMENT

Attachments optimized for Hyundai excavators provides maximum efficiency in a limited time in various environments.



M/H Application



Magnetic



Orange grapple



Shears

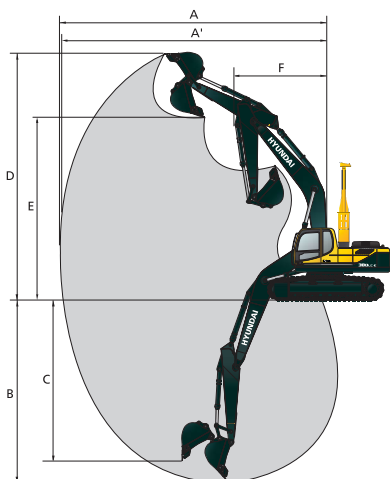


# Electric Excavator : R300LC-E & HX380E

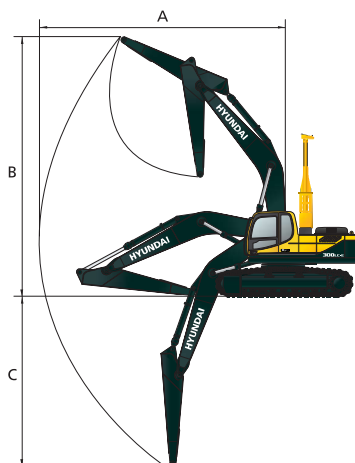
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## R300LC-E WORKING RANGE

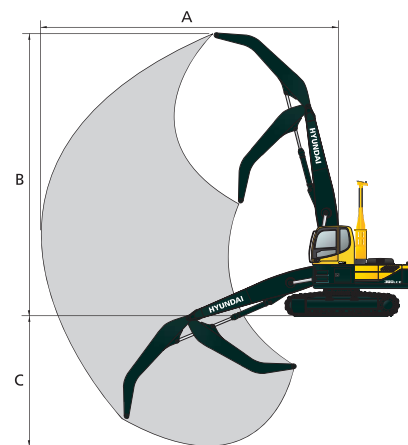
### Specifications



### Option 1 | Standard + Grapple



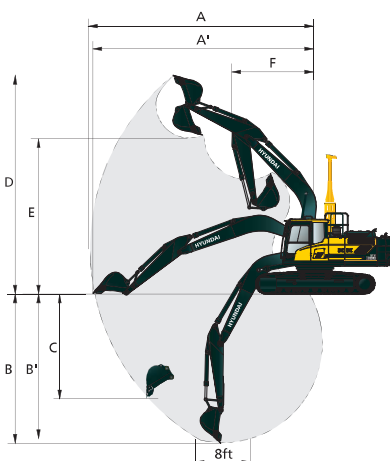
### Option 2 | M / H + Grapple



| Item                             | Unit | Standard + Bucket |
|----------------------------------|------|-------------------|
| A Max. digging reach             | mm   | 10,820            |
| A' Digging reach at ground level | mm   | 10,620            |
| B Max. digging depth             | mm   | 7,390             |
| C Vertical wall digging depth    | mm   | 6,410             |
| D Max. digging height            | mm   | 10,160            |
| E Max. dumping height            | mm   | 7,110             |
| F Min. swing radius              | mm   | 4,310             |

| Item                                                | Unit | Standard + Grapple | M/H + Grapple |
|-----------------------------------------------------|------|--------------------|---------------|
| - Boom length                                       | mm   | 6,250              | 7,800         |
| - Arm length                                        | mm   | 3,050              | 5,400         |
| A Max. digging reach                                | mm   | 9,170              | 13,090        |
| B Max. digging height                               | mm   | 8,740              | 14,590        |
| C Max. digging depth                                | mm   | 5,740              | 6,190         |
| Front and back Lifting capacity (7.5 radius ground) | kg   | 8,986              | 9,060         |
| Side                                                | kg   | 5,715              | 6,210         |

## HX380E WORKING RANGE



| Description                           | 6.5 m Boom* |            |           |
|---------------------------------------|-------------|------------|-----------|
|                                       | 2.5 m Arm   | 3.2 m Arm* | 3.9 m Arm |
| A Max. digging reach                  | 10,650      | 11,160     | 11,820    |
| A' Max. digging reach at ground level | 10,410      | 10,930     | 11,620    |
| B Max. digging depth                  | 6,820       | 7,520      | 8,220     |
| B' Max. digging depth (8 ft level)    | 6,640       | 7,360      | 8,080     |
| C Max. vertical wall digging depth    | 5,030       | 5,480      | 6,300     |
| D Max. digging height                 | 10,330      | 10,270     | 10,610    |
| E Max. dumping height                 | 7,190       | 7,190      | 7,500     |
| F Min. swing radius                   | 4,490       | 4,490      | 4,350     |

\* is a standard specification.

7 dB lower noise than Diesel Engine excavator

Internal noise about 70 dB during operation



▲Movie

# SPECIAL ATTACHMENT OF WHEEL LOADER

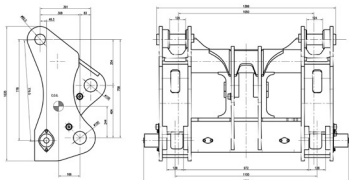
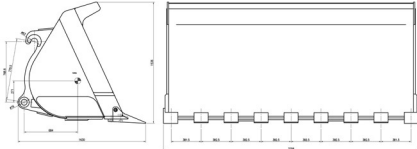
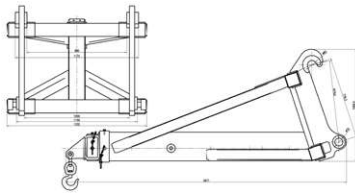
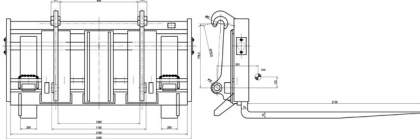
MOVING YOU **FURTHER**



HYUNDAI HL770-9S & HL970 has a Special Attachment option and this makes your wheel loader more versatile for several different applications.

Not only used for normal loading jobs, but 'lifting material' is possible, and this is time to make your machine 'SUPER' with HYUNDAI.

\* Valid work sites with those specials : Pipe-laying site, Oil & Gas Sectors, etc.

| Description   | Figures                                                                             | Comment                                                                                                                                                                                          |
|---------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quick Coupler |  | ① Part Name : Quick coupler<br>② Part Number : HCE 67LK-91500<br>③ Volvo Attach Mounting<br>④ Total Weight : 718 kg<br>⑤ Dimension : 1,588 mm x 1,035 mm x 645 mm                                |
| Bucket        |  | ① Part Name : Straight Bucket with Tooth<br>② Part Number : HCE 67LK-93500<br>③ Bucket Capacity : 3.9 m <sup>3</sup><br>④ Part Weight : 2,084 kg<br>⑤ Dimension : 3,258 mm x 1,630 mm x 1,536 mm |
| Crane         |  | ① Part Name : Material Handling Arm<br>② Part Number : HCE 67LK-79000<br>③ Handling Length : 2,613 mm ~ 5,556 mm<br>④ Part Weight : 770 kg<br>⑤ Dimension : 2,671 mm x 1,070 mm x 1,332 mm       |
| Fork          |  | ① Part Name : Pallet Fork<br>② Part Number : HCE 67LK-89000<br>③ Tines Length : 2,130 mm<br>④ Part Weight : 1,724 kg<br>⑤ Dimension : 2,596 mm x 1,317 mm x 2,260 mm                             |

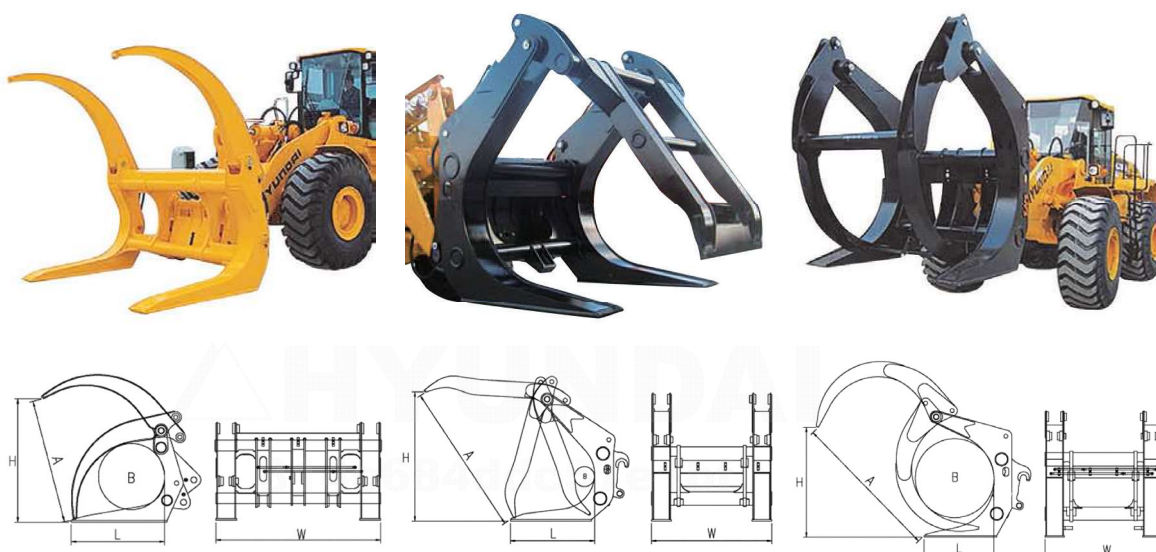
# SPECIAL ATTACHMENT OF WHEEL LOADER

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## LG LOADER LOG GRAPPLE

WOOD HANDLING

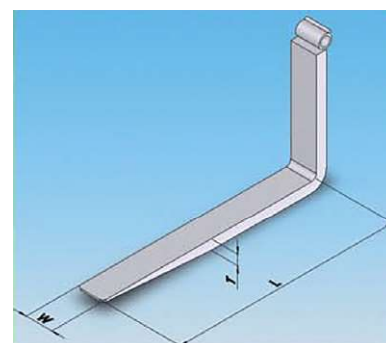
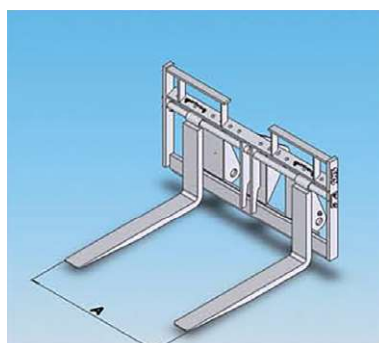
| Model       | Tropical Type Height / Length / Width | General Purpose Height / Length / Width | Sorting Type Height / Length / Width |
|-------------|---------------------------------------|-----------------------------------------|--------------------------------------|
| HL740-9, 9S | 1.6 / 1.3 / 1.8 m                     | 1.8 / 1.0 / 1.8 m                       | 2.0 / 1.0 / 1.6 m                    |
| HL757-9, 9S | 1.7 / 1.4 / 2.3 m                     | 2.2 / 1.3 / 1.9 m                       | 2.2 / 1.2 / 1.7 m                    |
| HL760-9, 9S | 1.9 / 1.4 / 2.5 m                     | 2.4 / 1.4 / 1.9 m                       | 2.6 / 1.2 / 1.9 m                    |
| HL770-9, 9S | 2.4 / 1.6 / 2.7 m                     | 2.4 / 1.4 / 2.0 m                       | 2.9 / 1.3 / 1.9 m                    |
| HL780-9, 9S | 2.5 / 1.7 / 3.0 m                     | 2.7 / 1.5 / 2.0 m                       | 2.9 / 1.3 / 2.0 m                    |

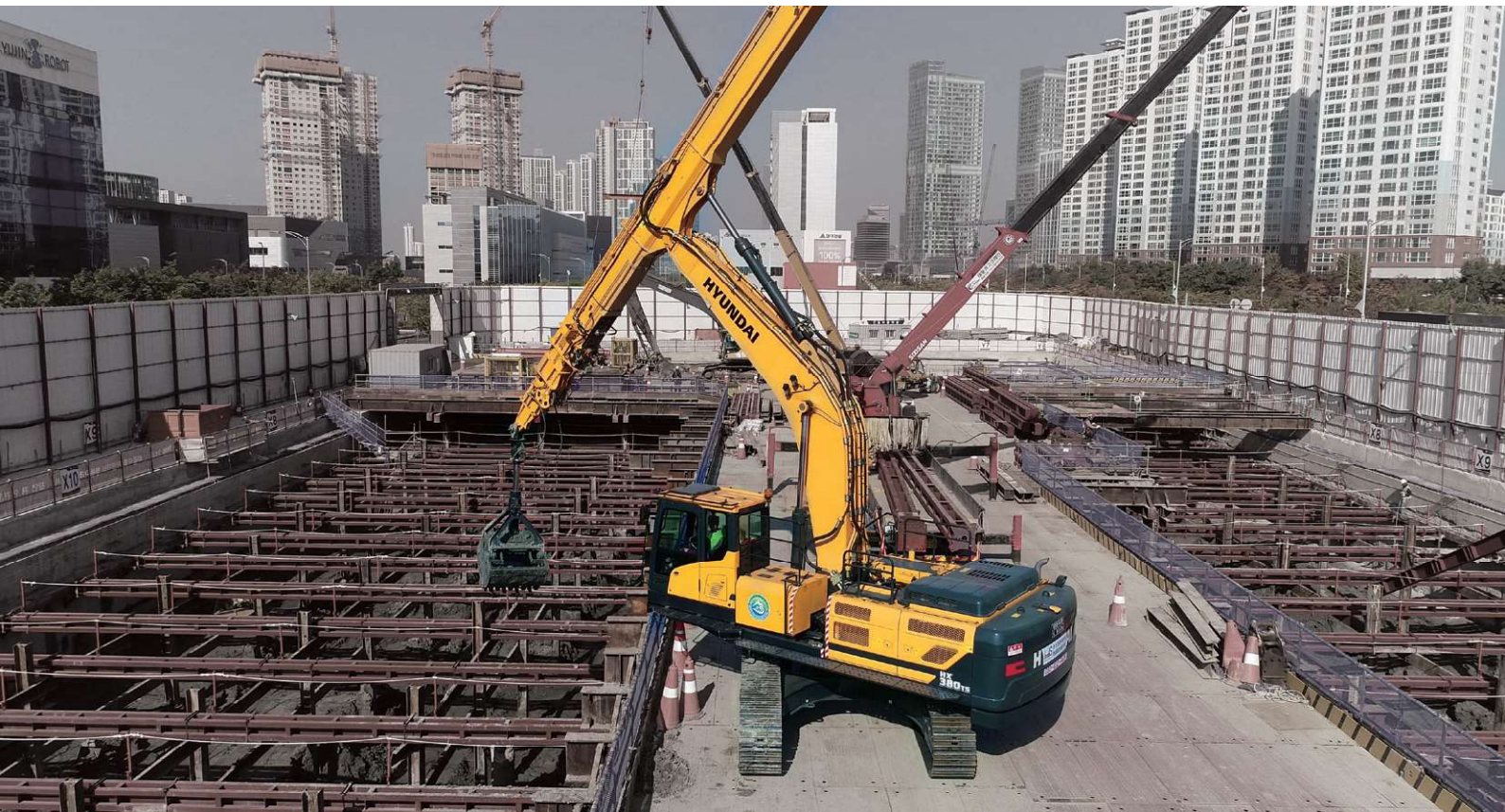


## PF LOADER PALLET FORK

FORK LIFTING

| Model       | Operating Width (A) / Tine Size (Length / Width / Thickness) |
|-------------|--------------------------------------------------------------|
| HL740-9, 9S | 450-2,030 / 1,500 / 150 / 60 mm                              |
| HL757-9, 9S | 450-2,030 / 1,800 / 180 / 70 mm                              |
| HL760-9, 9S | 600-2,160 / 1,800 / 180 / 70 mm                              |
| HL770-9, 9S | 600-2,160 / 1,800 / 200 / 95 mm                              |
| HL780-9, 9S | 600-2,160 / 1,800 / 200 / 95 mm                              |





### **Creative Solutions for your site**

HYUNDAI Construction Equipment is always ready to receive your valuable opinions to be a pioneer and the world leader of the Construction Industry.

**If extra products that are necessary for your business are not mentioned in this brochure, please feel free to contact HYUNDAI.**

Our skillful engineers are on the way to make better products by VOC reflection (Voice Of Customer) therefore, please contact Hyundai Network or to our dealers near you.

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