MOVING YOU FURTHER

210

SMART

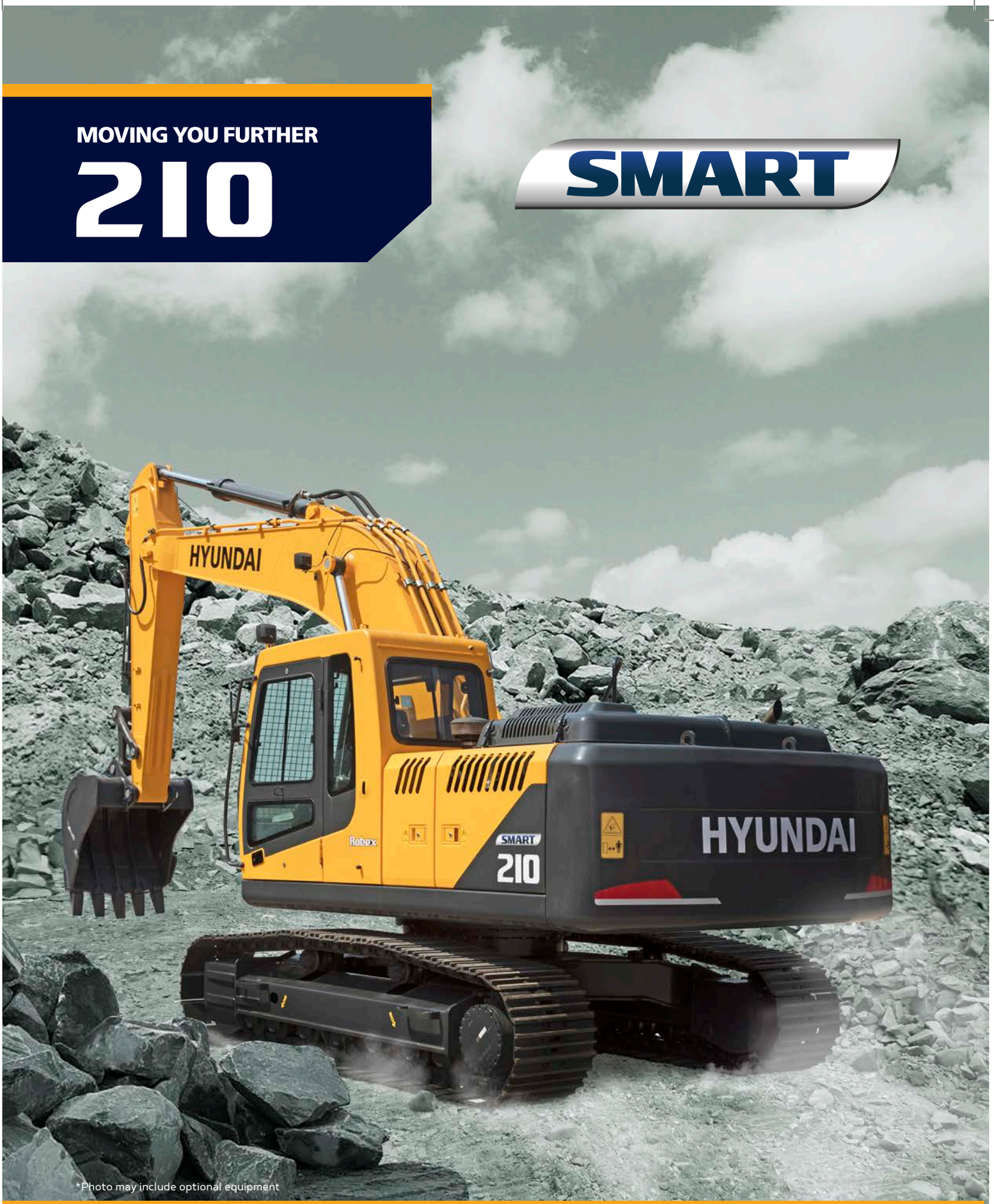


*Photo may include optional equipment

Engine Rated Power
139 HP (104 KW) @2000 rpm

Operating Weight
21,200 kg

Bucket Capacity
0.92 m^3 GP / 0.87 m^3 RB

HYUNDAI
CONSTRUCTION EQUIPMENT
INDIA

Designed for SMART work

OPERATOR COMFORT

Ergonomically placed operator controls with spacious AC cabin & fully adjustable seat provides perfect working environment and reduces operator fatigue in long working hours.

BEST-IN CLASS PERFORMANCE

Hyundai's advanced CAPO technology added with hydraulic flow summation and regeneration ensures faster cycle time. The new series machine comes with additional bucket link reinforcement to support excellent bucket dig and arm crowd forces.

INCREASED MACHINE DURABILITY

Idler area track reinforcement to withstand Indian territorial conditions and heavy duty applications.

BETTER VISIBILITY

Cabin roof lights provide enhanced visibility and enable the operator to work at night with ease.

LOW MAINTENANCE

Air pre-cleaner extends air filter servicing cycle which results in lower operating cost per hour.

NEW GENERATION STYLING

All new aesthetics with dual tone color cabin for 'SMART' look.

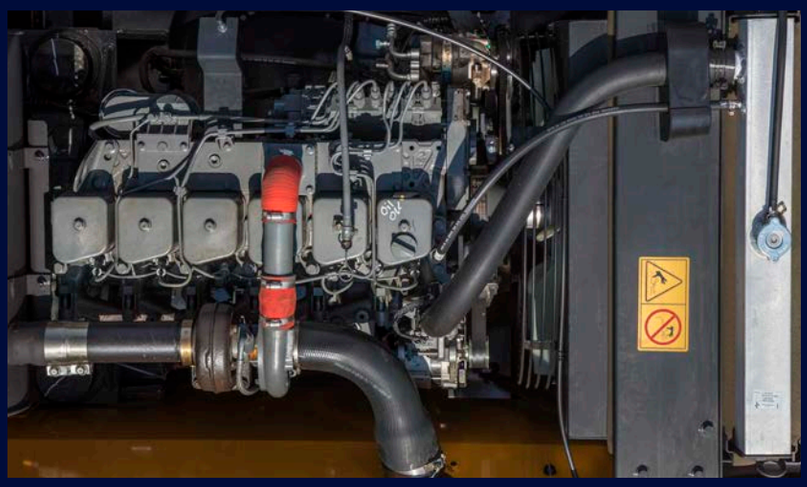
IMPROVED FUEL EFFICIENCY

Upgraded circuit design, added sensor controls & advanced hydraulics for variable load sensing have been designed for improved fuel efficiency.

ENHANCED DURABILITY

Forged ring body to enhance the structural integrity adds to the durability of machine.

sMART - Superior Performance

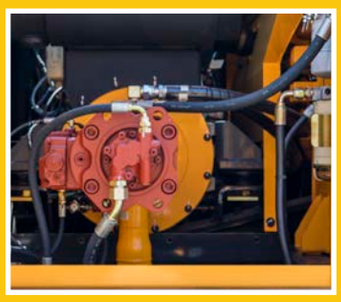


ENGINE

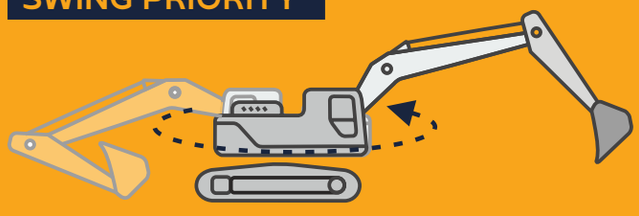
The water cooled, 4 cycle diesel, 6 cylinder in line, direct injection turbocharged engine is built for power, reliability, efficiency and reduced emissions. The engine is manufactured to perform in wide range of heat, humidity and dust conditions without compromising productivity.

HYDRAULICS

Hydraulic pump installed in Hyundai is variable displacement axial piston type with electro hydraulic control function. This system provides wide range of flow at various workloads for paramount productivity.
Open center design of Main Control Valve (MCV) with port relief valves & spools ensures fast response and maximum efficiency in extreme conditions. Travel & swing motor speeds provide excellent mobility for improved cycle time.



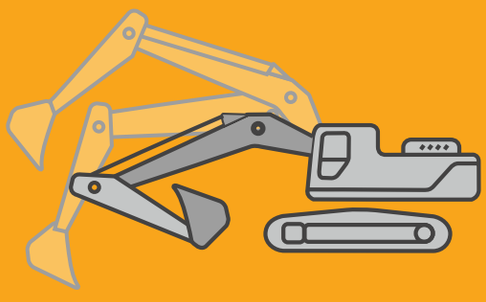
SWING PRIORITY



Swing priority spool is auto piloted which boosts higher hydraulic energy to swing circuitry. This leads to faster swing cycle which in turn results in more output & better performance.

ARM REGENERATION

Arm regeneration system helps to recirculate hydraulic energy from return line and adds to pump supply line. It provides smooth operation of arm preventing cavitation and increasing performance of machine.



NEGATIVE FLOW CONTROL

Pump flow is proportionally regulated with control lever stroke which saves fuel by regulating pump and engine. It maintains higher standby pressure for faster response and continuous oil flow for even temperature.

FUEL SAVING KIT

Fuel saving kit contains additional sensors to monitor undue load & accordingly sends signals to controller to cut down losses. It provides up to 5% increase in fuel efficiency.

SMART - Ease of Maintenance

OPERATOR CONVENIENCE

In SMART series machine, you can easily adjust the seat, console and armrest settings to best suit your preferred comfort level. Spacious cabin with other preference settings that creates a higher grade working environment and reduces fatigue include the high capacity air conditioning system, and radio/USB player.
Additional cabin lights as standard attachment enhances visibility while doing work at night time. Added distribution of air flow through front and rear aircon ducting facilitates increased airflow distribution inside the cabin which in turn ensures operator comfort to increase operator efficiency and capacity to improve production.

EASY ACCESS & SERVICEABILITY

Easy access for maintenance means regular checks get done faster, giving you more uptime.
Hyundai's SMART machines feature easy service access to increase uptime and keep maintenance to a minimum to reduce operating costs.

FUEL FILLER PUMP

Optional fuel filler pump enables refueling of fuel tank ensuring clean fuel to the engine which in turn avoids fuel contamination from atmospheric air. Also, the time required to refill is reduced to ensure higher uptime for more productivity.

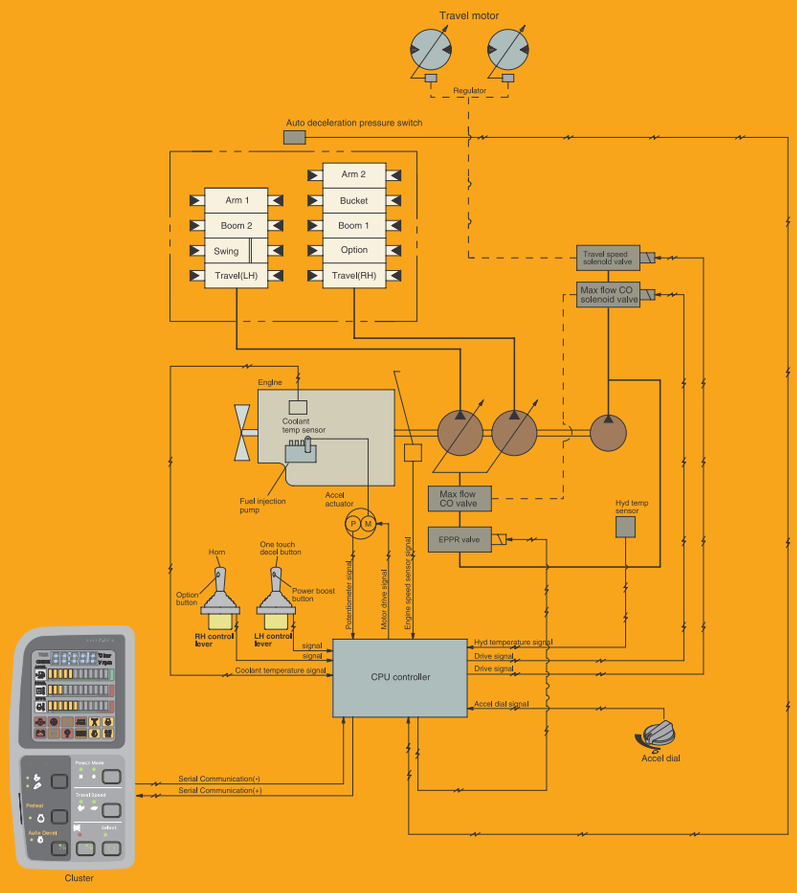
EXTENDED MAINTENANCE INTERVAL

SMART series excavators are designed with long-life hydraulic filters up to 1,000 hrs, long-life hydraulic oil up to 5,000 hrs, more efficient cooling systems which extend service intervals, minimize operating costs and reduce machine down time.

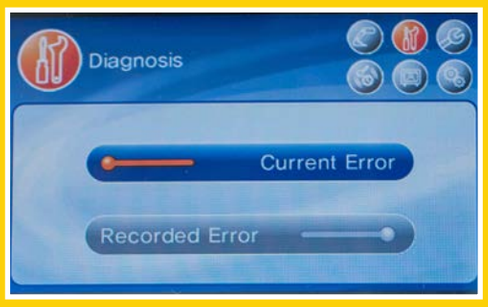
SMART - Analytical Capability

COMPUTER AIDED POWER OPTIMIZATION

The engine horsepower and hydraulic horsepower together in unison through the advanced CAPO (Computer Aided Power Optimization) system, flow for the job at hand. Operator can set their own preferences for boom or swing priority, power mode selection and optional work tools at the touch of a button.
The CAPO system also provides complete self-diagnostic features and digital gauges for important information like hydraulic oil temperature, coolant temperatures and fuel level. This system interfaces with multiple sensors placed throughout the hydraulic system as well as the electronically controlled engine to provide the optimum level of engine power and hydraulic flow.



POWER MODE	H (High Power) Mode maximizes machine speed & Power for mass production. S (Standard) Mode provides a reduced, fixed RPM for optimum performance & improved fuel economy
WORK MODE	It allows the operator to select single flow attachments like Bucket & Breaker



SELF-DIAGNOSTICS SYSTEM

The MCU diagnoses problems caused by machine malfunctions and displays the same on the cluster LCD monitor as error codes. The information via this device which includes engine rpm, battery voltage, hydraulic temperature and the status of electric switches allows the operator to know exact operating conditions of the machine. This makes it easier to troubleshoot any problems that occur.

MAINTENANCE MANAGEMENT

This smart feature keeps a record of scheduled time interval for each maintenance area. It also keeps a real time update of the time duration left for the next scheduled maintenance for each and every maintenance area. This feature ensures maintenance of the machine by keeping the operator updated at all times.

SMART – Enhanced Reliability

FORGED RING BODY

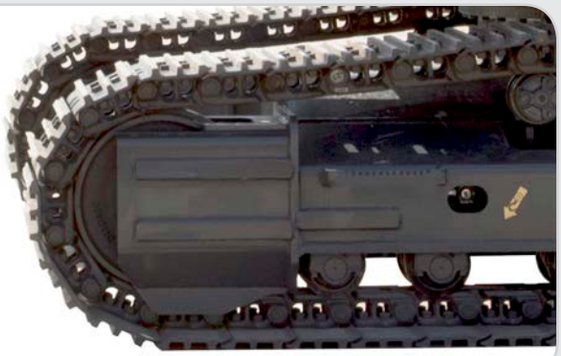
New forged ring body in lower frame enhances the durability, structural integrity and increases the machine life.

AIR PRE CLEANER

Air pre-cleaner serves as a strainer for the air entering into the air filter and thus extends air filter servicing cycle which results in lower operating cost per hour.

IDLER AREA REINFORCEMENT

Added reinforcement in idler area ensures machine durability in challenging Indian environments and contribute towards a well-balanced & solid machine while operating in adverse terrains.



BUCKET LINK REINFORCEMENT

Bucket link reinforcement supports excellent bucket dig and arm crowd forces.

ATTACHMENTS - BUCKET

GP Bucket - Features high tensile strength steel with inner reinforcements. It is specially designed for light duty to moderate applications like earthwork and loading.
Rock Bucket- Features high tensile strength & wear resistant special alloy steel added to blade & side attack plates. Heavy duty reinforcements are added to its inner & outer body. It is excellent for stone quarry or applications involving high abrasion & impact.

STRUCTURE

The reinforced upper structure and lower frame are built to withstand tougher conditions for improved durability & reliability.

SMART - Advanced Technology

DISPLAY CLUSTER

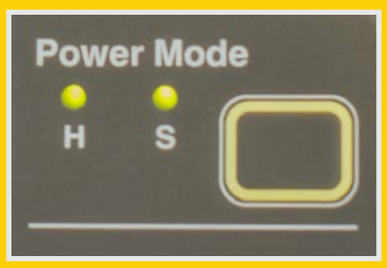
The instrument panel is installed in front of RH console box, making it easy to check all critical systems like hydraulic oil temperature, coolant temperature and fuel level via easy-to-read indicators. Using a keypad you can make quick visual and diagnostic checks, increasing uptime and productivity.

Hyundai's unique system incorporates the work modes within the throttle control for optimum performance. When operator selects a work mode i.e. 2 power modes: H (High Power) & S (Standard), 2 work modes: bucket & breaker, the rpm is already set for maximum efficiency.

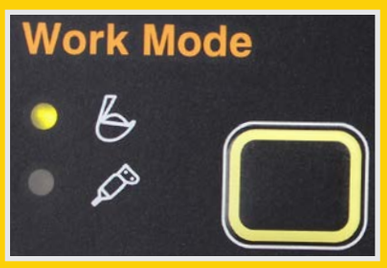
ONE TOUCH DECELERATION & AUTO IDLE

One touch deceleration switch on top of LH joystick lowers the engine RPM when selected. Engine speed is recovered to its preselected RPM when it is selected again. This system saves fuel by regulating pump and engine.
Auto Idle function moderates engine RPM to idle state when machine remains idle for 4 seconds by enabling MCU to send a signal to engine. This in turn reduces fuel consumption and operation cost.

S MODE & MAX FLOW CUT OFF



S (Standard mode) optimizes power of engine and hydraulic torque to meet desired performance at improved fuel economy



Max flow cut off system reduces pump flow for precise control during breaker use to ensure reduction in energy wastage.

New Generation Styling and Safety

BECAUSE THERE'S AN 'ART' IN 'SMART'

Hyundai's new SMART avatar comes with stylish decals & unique dual tone cabin making it peppier than ever before. And with that stylish dual tone look you can have a machine that's eye catching too.

SAFETY – MORE THAN A PEACE OF MIND. TOTAL CONFIDENCE

Cabin is integrally welded with low-stress using high strength steel to provide enhanced protection. Handrails and steps are provided for easy operation. Anti-slip pads provide safety against skidding while operating machine.

Auto engine overheat prevention function monitors coolant temperature & if high temperature is detected, the CPU controller automatically lowers the engine speed and hence cooling down the engine.

Anti-restart system prevents starter from restarting during engine operation even if operator accidently turns on start key again.

Safety lever ensures safeguarding against machine movements by preventing hydraulic functions of machine until it is released.

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

Holding valve prevent attachments from drifting against gravity due to prolonged overhanging.

Specifications

ENGINE

MODEL			CUMMINS 6BT5.9-C
Type			Water Cooled, 4 cycle diesel, 6 cylinder in line, direct injection turbocharged
Rated fly-wheel horse power	SAE	J1995 (gross)	139 HP (104 KW) @ 2000 rpm
		J1349 (net)	136 HP (101 KW) @ 2000 rpm
	DIN	6271/1 (gross)	141 PS (104 KW) @ 2000 rpm
		6271/1 (net)	138 PS (101 KW) @ 2000 rpm
Max. Torque			57.6 kgf.m (417 lbf.ft) @ 1600 rpm
Bore x stroke			102x120 mm (4.02"x4.72")
Piston Displacement			5880 cc
Battery			2x12 V x 100Ah
Staring Motor			24 V-4.5 kW
Alternator			24V-75A

HYDRAULIC SYSTEM

MAIN PUMP	
Type	Two variable displacement tandem axial piston pumps
Max. flow	2 x 220 lpm (58.1 US gpm/48.4 UK gpm)
Sub-pump for pilot circuit	Gear pump

Cross-sensing & fuel saving pump system

HYDRAULIC MOTORS	
Travel	Two speed axial piston motor with counter balance valve and parking brake
Swing	Axial piston motor with automatic brake

RELIEF VALVE SETTINGS	
Implement circuits	330 kgf/cm^2 (4690 psi)
Travel	330 kgf/cm^2 (4690 psi)
Swing circuit	240 kgf/cm^2 (3410 psi)
Pilot circuit	35 kgf/cm^2 (500 psi)
Service valve	Installed

HYDRAULIC CYLINDERS	
No. of cylinder - bore x rod x stroke	Boom: 2-120 x 85 x 1,290 mm (4.7"x 3.3"x 50.8")
	Arm: 1-140 x 100 x 1,510 mm (5.5"x3.9"x 59.4")
	Bucket: 1-125 x 85 x 1,055 mm (4.9"x 3.3"x 41.5")

DRIVES & BRAKES

Drive method	Fully hydrostatic type
Drive motor	Axial piston motor in-shoe design
Reduction system STD/HC	Planetary reduction gear
Max. drawbar pull	21,100 kgf (46500 lbf)
Max. travel speed (high/low)	5.3 kmph (3.3mph) / 3.4 kmph (2.1mph)
Gradeability	35° (70%)
Parking brake	Multi wet disc

CONTROL

Pilot pressure operated joysticks and pedals with detachable lever provide almost effortless and fatigueless operation.	
Pilot control	Two joysticks with one safety lever (LH): Swing and arm, (RH): Boom and bucket (ISO)
Traveling and steering	Two levers with pedals
Engine throttle	Electric, Dial type
Lights	1 x Boom, 1 x Toolbox, 2 x Cabin

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

COOLANT & LUBRICANT CAPACITY

REFILLING	LITER
Fuel tank	340
Engine coolant	35
Engine oil	15
Swing device	5
Final drive (each)	5.8
Hydraulic system (Including tank)	290
Hydraulic tank	180

UNDERCARRIAGE

The X-leg type center frame is integrally welded with reinforced box-section track frames. The undercarriage includes lubricated rollers, idlers, track adjusters with shock absorbing springs and sprockets and a track chain with triple grouser shoes.	
Center frame	X -leg type
Track frame	Pentagonal box type
No. of shoes on each side	46
No. of carrier roller on each side	2
No. of track roller on each side	7
No. of rail guard on each side	1

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 5,680mm (18′ 8″) boom, 2,400mm (7′ 10″) arm, SAE heaped 0.92m^3 (1.20 yd^3) backhoe bucket, lubricant, coolant, fuel tank, hydraulic tank, operator and the standard equipment.

MAJOR COMPONENT WEIGHT	
Upper structure	5,850kg (12,900lb)
Counter weight	3,800kg (8,380lb)
Boom (with arm cylinder)	1,950kg (4,300lb)

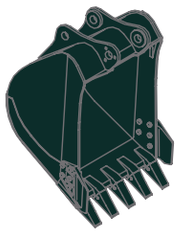
OPERATING WEIGHT			
Shoes		Operating weight	Ground pressure
Type	Width mm (in)	kg (lb)	kgf/cm^2 (psi)
Triple grouser	500 mm (20")	20,935 (46,150)	0.57 (8.11)
	*600 mm (24")	21,200 (46,740)	0.48 (6.83)

*Standard equipment

BUCKETS

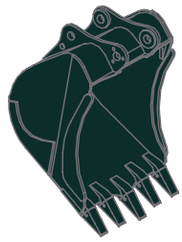
All buckets are welded with high-strength steel.

TYPES OF BUCKETS



SAE heaped

*0.92 m³ (1.20yd³)



0.87 m³ (1.14 yd³)

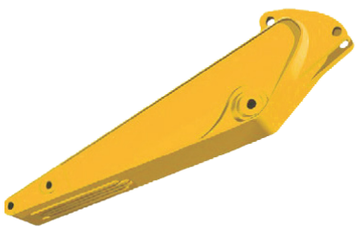
Capacity m³ (yd³)		Width mm (in)		Weight kg (lb)	Recommendation mm (ft.in)		
					5,680 (18′ 8″) Boom		
SAE heaped	CECE heaped	Without side cutters	With side cutters		2,000 (6′ 7″) Arm	2,400 (7′ 10″) Arm	2,920 (9′ 7″) Arm
* 0.92 (1.20)	0.80 (1.05)	1,150 (45.3)	1,270 (50.0)	770 (1,700)	●	●	■
◉ 0.87 (1.14)	0.75 (0.98)	1,140 (44.9)	-	900 (1,980)	●	●	■

* Standard backhoe bucket
◉ Rock-Heavy duty bucket

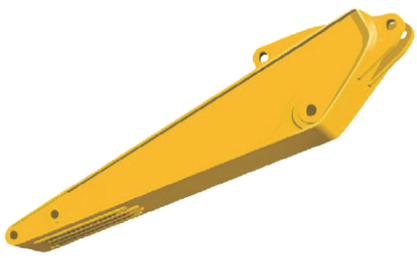
● Applicable for materials with density of 2,000 kg /m³ (3,370 lb/ yd³) or less
■ Applicable for materials with density of 1,600 kg /m³ (2,700 lb/ yd³) or less

ATTACHMENT

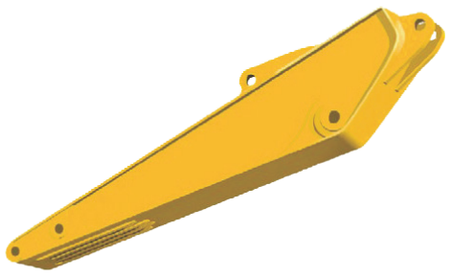
Booms and arms are welded with a low-stress, full-box section design. 5.68m(18′8″) mono boom and 2.0m(6′7″), 2.4m(7′10″), 2.92m (9′7″) Arms are available.
Buckets are all-welded, high-strength steel equipments.



2.0 m (6′7″)



*2.40 m (7′10″)



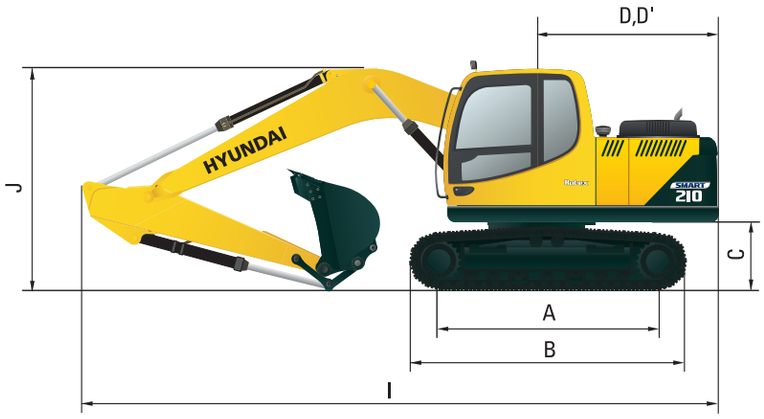
2.92 m (9′7″)

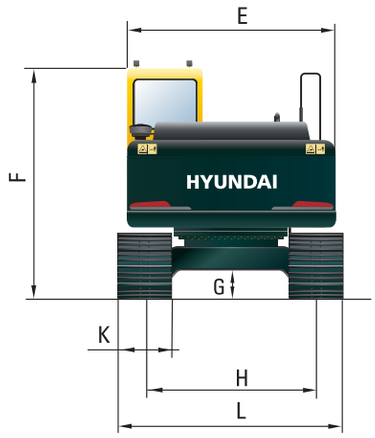
DIGGING FORCE

Arm	Length	mm (ft.in)	2,000 (6′ 7″)	*2,400 (7′ 10″)	2,920 (9′ 7″)
	Weight	kg (lb)	860 (1,890)	950 (2,090)	990 (2,180)
Bucket digging force	SAE	kN	133.4	133.4	133.4
		kgf	13600	13600	13600
		lbf	29980	29980	29980
	ISO	kN	152.0	152.0	152.0
		kgf	15500	15500	15500
		lbf	34170	34170	34170
Arm crowd force	SAE	kN	135.3	112.8	97.1
		kgf	13800	11500	9900
		lbf	30400	25350	21830
	ISO	kN	142.2	117.7	101.0
		kgf	14500	12000	10300
		lbf	31970	26460	22710

Note: Arm weight includes bucket cylinder, linkage, and pin *Standard arm

Dimensions & Working Range

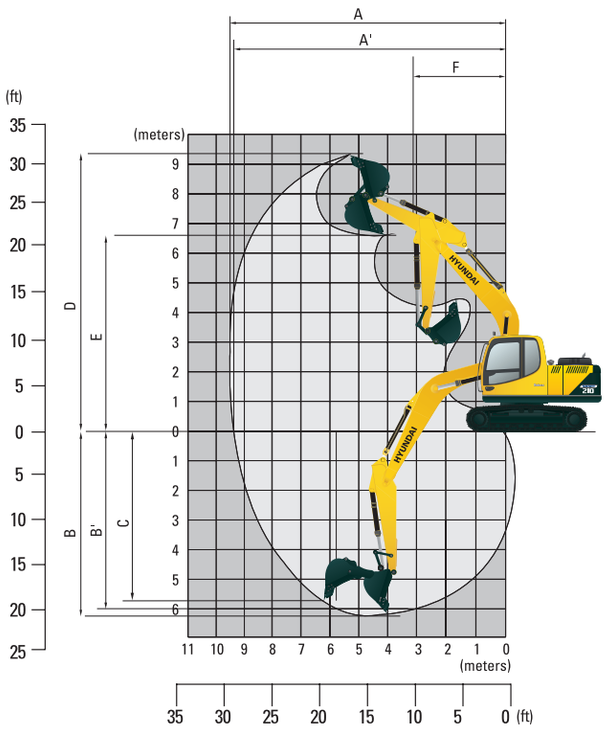




DIMENSIONS	mm (ft.in)
A Tumbler distance	3370 (11' 1")
B Overall length of crawler	4160 (13' 8")
C Ground clearance of counterweight	1060 (3' 6")
D Tail swing radius	2830 (9' 3")
D' Rear-end length	2770 (9' 1")
E Overall width of upperstructure	2700 (8' 10")
F Overall height of cab	2920 (9' 7")
G Min. ground clearance	480 (1' 7")
H Track gauge	2200 (7' 3")

DIMENSIONS			mm (ft.in)
BOOM LENGTH (STD.)		***5680 (18' 8")**	
ARM LENGTH	**2000 (6' 7")**	***2400 (7' 10")**	**2920 (9' 7")**
I Overall length	9650 (31' 8")	9570 (31' 5")	9520 (31' 3")
J Overall height of boom	3200 (10' 6")	3110 (10' 2")	2990 (9' 10")
K Track shoe width	500 (20")	*600 (24")	
L Overall width	2700 (8' 10")	2800 (9' 2")	

*Standard equipment



DIMENSIONS			mm (ft.in)
BOOM LENGTH (STD.)		***5680 (18' 8")**	
ARM LENGTH	**2000 (6' 7")**	***2400 (7' 10")**	**2920 (9' 7")**
A Maximum digging reach	9140 (30' 0")	9500 (31' 2")	9940 (32' 7")
A' Maximum digging reach on ground	8960 (29' 5")	9330 (30' 7")	9780 (32' 1")
B Maximum digging depth	5820 (19' 1")	6220 (20' 5")	6740 (22' 1")
B' Maximum digging depth (8' level)	5580 (18' 4")	6010 (19' 9")	6550 (21' 6")
C Maximum Vertical wall digging depth	5280 (17' 4")	5720 (18' 9")	6120 (20' 1")
D Maximum digging height	9140 (30' 0")	9340 (30' 8")	9470 (31' 1")
E Maximum dumping height	6330 (20' 9")	6520 (21' 5")	6670 (21' 11")
F Minimum swing radius	3750 (12' 4")	3740 (12' 3")	3640 (11' 11")

*Standard equipment

Lifting capacities

LIFTING CAPACITIES 210 SMART

Rating over-front

Rating over-side or 360 degree

Boom: 5.68 m (18′ 8″) / Arm: 2.0 m (6′ 7′) / Bucket: 0.92 m³ (1.20yd³) SAE heaped/ Shoe: 500mm(20″) triple grouser with 3,800kg (8,380 lb) counterweight												
Load point height m (ft)		Load radius								At max. reach		
		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		Capacity		Reach
												m (ft)
7.5m	kg									*3750	*3750	6.64
(25.0ft)	lb									*8270	*8270	(21.8)
6.0m	kg					*4150	*4150			*3800	2900	7.78
(20.0ft)	lb					*9150	*9150			*8380	6390	(25.5)
4.5m	kg			*5360	*5360	*4540	4420			*3910	2420	8.43
(15.0ft)	lb			*11820	*11820	*10010	9740			*8620	5340	(27.7)
3.0m	kg			*6970	6520	*5240	4160	*4500	2850	3830	2200	8.74
(10.0ft)	lb			*15370	14370	*11550	9170	*9920	6280	8440	4850	(28.7)
1.5 m	kg			*8380	6000	*5950	3910	4790	2740	3770	2150	8.73
(5.0ft)	lb			*18470	13230	*13120	8620	10560	6040	8310	4740	(28.6)
Ground	kg			*9020	5770	*6430	3740	4700	2660	3980	2260	8.42
Line	lb			*19890	12720	*14180	8250	10360	5860	8770	4980	(27.6)
-1.5m	kg	*13020	11600	*8960	5740	*6510	3690			*4550	2610	7.76
(-5.0ft)	lb	*28700	25570	*19750	12650	*14350	8140			*10030	5750	(25.5)
-3.0m	kg	*11620	*11620	*8210	5850	*5910	3780			*4510	3470	6.61
(-10.0ft)	lb	*25620	*25620	*18100	12900	*13030	8330			*9940	7650	(21.7)
-4.5m	kg	*8770	*8770									
(-15.0ft)	lb	*19330	*19330									

Boom: 5.68 m (18′ 8″) / Arm 2.4 m (7′ 10″) / Bucket: 0.92 m³ (1.20 yd³) SAE heaped / Shoe: 500mm(20″) triple grouser with 3,800kg (8,380 lb) counterweight														
Load point height m (ft)		Load radius										At max. reach		
		1.5 m (5.0 ft)		3 m (10.0 ft)		4.5 m (15 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		Capacity		Reach
														m (ft)
7.5m	kg											*3450	*3450	7.15
(25.0ft)	lb											*7610	*7610	(23.5)
6.0m	kg							*3750	*3750			*3520	2630	8.20
(20.0ft)	lb							*8270	*8270			*7760	5800	(26.9)
4.5m	kg							*4190	*4190	*3940	2970	*3630	2220	8.82
(15.0ft)	lb							*9240	*9240	*8690	6550	*8000	4890	(28.9)
3.0m	kg					*6420	*6420	*4920	4190	*4240	2860	3560	2020	9.11
(10.0ft)	lb					*14150	*14150	*10850	9240	*9350	6310	7850	4450	(29.9)
1.5 m	kg					*7960	6040	*5690	3910	*4620	2720	3500	1970	9.10
(5.0ft)	lb					*17550	13320	*12540	8620	*10190	6000	7720	4340	(29.9)
Ground	kg			*8300	*8300	*8820	5730	*6260	3710	4670	2620	3670	2060	8.81
Line	lb			*18300	*18300	*19440	12630	*13800	8180	10300	5780	8090	4540	(28.9)
-1.5m	kg	*9220	*9220	*12750	11370	*8970	5650	*6460	3630			4140	2350	8.18
(-5.0ft)	lb	*20330	*20330	*28110	25070	*19780	12460	*14240	8000			9130	5180	(26.8)
-3.0m	kg	*13340	*13340	*12280	11580	*8430	5730	*6110	3670			*4360	3020	7.12
(-10.0ft)	lb	*29410	*29410	*27070	25530	*18580	12630	*13470	8090			*9610	6660	(23.4)
-4.5m	kg			*9840	*9840	*6850	5980							
(-15.0ft)	lb			*21690	*21690	*15100	13180							

Boom: 5.68 m (18′ 8″) / Arm: 2.92 m (9′ 7″) / Bucket: 0.92 m³ (1.20 yd³) SAE heaped / Shoe : 500mm(20″) triple grouser with 3,800kg (8,380 lb) counterweight														
Load point height m (ft)		Load radius										At max. reach		
		1.5 m (5.0 ft)		3 m (10.0 ft)		4.5 m (15 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		Capacity		Reach
														m (ft)
7.5m	kg											*3120	3080	7.72
(25.0ft)	lb											*6880	6790	(25.3)
6.0m	kg											*3210	2390	8.69
(20.0ft)	lb											*7080	5270	(28.5)
4.5m	kg							*3770	*3770	*3590	3040	*3340	2040	9.27
(15.0ft)	lb							*8310	*8310	*7910	6700	*7360	4500	(30.4)
3.0m	kg			*9160	*9160	*5760	*5760	*4530	4270	*3950	2900	3300	1860	9.55
(10.0ft)	lb			*20190	*20190	*12700	*12700	*9990	9410	*8710	6390	7280	4100	(31.3)
1.5 m	kg			*8660	*8660	*7430	6180	*5380	3960	*4390	2750	3240	1810	9.54
(5.0ft)	lb			*19090	*19090	*16380	13620	*11860	8730	*9680	6060	7140	3990	(31.3)
Ground	kg			*9310	*9310	*8550	5780	*6060	3730	4670	2620	3370	1870	9.26
Line	lb			*20530	*20530	*18850	12740	*13360	8220	10300	5780	7430	4120	(30.4)
-1.5m	kg	*8550	*8550	*12160	11240	*8950	5630	*6400	3610	4590	2560	3740	2100	8.67
(-5.0ft)	lb	*18850	*18850	*26810	24780	*19730	12410	*14110	7960	10120	5640	8250	4630	(28.4)
-3.0m	kg	*1 1700	*11700	*13020	11400	*8680	5640	*6280	3600			*4230	2610	7.69
(-10.0ft)	lb	*25790	*25790	*28700	25130	*19140	12430	*13850	7940			*9330	5750	(25.2)
-4.5m	kg			*11040	*11040	*7560	5820					*4140	3950	6.09
(-15.0ft)	lb			*24340	*24340	*16670	12830					*9130	8710	(20.0)

Lifting capacities

Rating over-front Rating over-side or 360 degree

Boom: 5.68 m (18′ 8″) / Arm: 2.0 m (6′ 7″) / Bucket: 0.92 m³ (1.20yd³) SAE heaped/ Shoe: 600mm(24″) triple grouser with 3,800kg (8,308 lb) counterweight												
Load point height m (ft)		Load radius								At max. reach		
		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		Capacity		Reach
												m (ft)
7.5m	kg									*3750	*3750	6.64
(25.0ft)	lb									*8270	*8270	(21.8)
6.0m	kg					*4150	*4150			*3800	2910	7.78
(20.0ft)	lb					*9150	*9150			*8380	6420	(25.5)
4.5m	kg			*5360	*5360	*4540	4440			3620	2430	8.43
(15.0ft)	lb			*11820	*11820	*10010	9790			7980	5360	(27.7)
3.0m	kg			*6970	6540	*5240	4180	4280	2870	3340	2210	8.74
(10.0ft)	lb			*15370	14470	*11550	9220	9440	6330	7360	4870	(28.7)
1.5 m	kg			*8380	6020	*5930	3920	4160	2750	3280	2160	8.73
(5.0ft)	lb			*18470	13270	*13070	8640	9170	6060	7230	4760	(28.6)
Ground	kg			*9020	5790	*5750	3760	4070	2680	3460	2270	8.42
Line	lb			*19890	12760	*12680	8290	8970	5910	7630	5000	(27.6)
-1.5m	kg	*13020	11630	*8960	5760	*5690	3710			3960	2620	7.76
(-5.0ft)	lb	*28700	25640	*19750	12700	*12540	8180			8730	5780	(25.5)
-3.0m	kg	*11620	*11620	*8210	5870	*5790	3800			*4510	3480	6.61
(-10.0ft)	lb	*25620	*25620	*18100	12940	*12760	8380			*9940	7670	(21.7)
-4.5m	kg	*8770	*8770									
(-15.0ft)	lb	*19330	*19330									

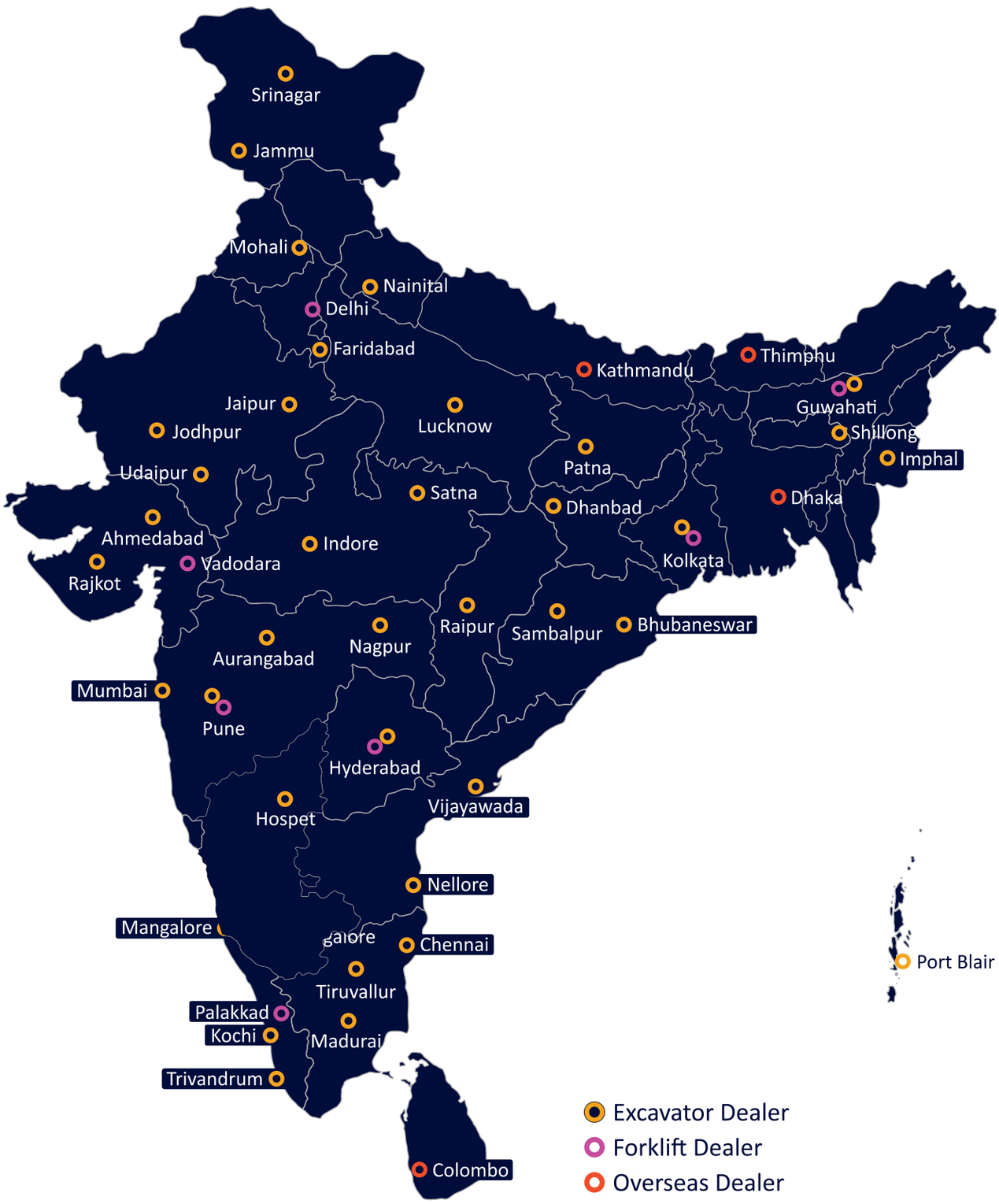
Boom: 5.68 m (18′ 8″) / Arm: 2.4 m (7′ 10″) / Bucket: 0.92 m³ (1.20yd³) SAE heaped/ Shoe: 600mm(24″) triple grouser with 3,800kg (8,308 lb) counterweight													
Load point height m (ft)		Load radius										At max. reach	
		1.5 m (5.0 ft)		3 m (10.0 ft)		4.5 m (15 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		Capacity	Reach
													m (ft)
7.5m	kg											*3450	*3450	7.15
(25.0ft)	lb											*7610	*7610	(23.5)
6.0m	kg							*3750	*3750			*3520	2640	8.20
(20.0ft)	lb							*8270	*8270			*7760	5820	(26.9)
4.5m	kg							*4190	*4190	*3940	2990	3350	2230	8.82
(15.0ft)	lb							*9240	*9240	*8690	6590	7390	4920	(28.9)
3.0m	kg					*6420	*6420	*4920	4210	*4240	2870	3090	2030	9.11
(10.0ft)	lb					*14150	*14150	*10850	9280	*9350	6330	6810	4480	(29.9)
1.5 m	kg					*7960	6060	*5690	3930	4140	2740	3040	1980	9.10
(5.0ft)	lb					*17550	13360	*12540	8660	9130	6040	6700	4370	(29.9)
Ground	kg			*8300	*8300	*8820	5760	5720	3730	4040	2640	3180	2070	8.81
Line	lb			*18300	*18300	*19440	12700	12610	8220	8910	5820	7010	4560	(28.9)
-1.5m	kg	*9220	*9220	*12750	11400	*8970	5670	5630	3650			3590	2360	8.18
(-5.0ft)	lb	*20330	*20330	*28110	25130	*19780	12500	12410	8050			7910	5200	(26.8)
-3.0m	kg	*13340	*13340	*12280	11620	*8430	5750	5680	3690			*4360	3030	7.12
(-10.0ft)	lb	*29410	*29410	*27070	25620	*18580	12680	12520	8140			*9610	6680	(23.4)
-4.5m	kg			*9840	*9840	*6850	6000							
(-15.0ft)	lb			*21690	*21690	*15100	13230							

Boom: 5.68 m (18′ 8″) / Arm: 2.92 m (9′ 7″) / Bucket: 0.92 m³ (1.20yd³) SAE heaped/ Shoe: 600mm(24″) triple grouser with 3,800kg (8,308 lb) counterweight													
Load point height m (ft)		Load radius										At max. reach	
		1.5 m (5.0 ft)		3 m (10.0 ft)		4.5 m (15 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		Capacity	Reach
													m (ft)
7.5m	kg											*3120	3090	7.15
(25.0ft)	lb											*6880	6810	(25.3)
6.0m	kg											*3210	2400	8.69
(20.0ft)	lb											*7080	5290	(28.5)
4.5m	kg							*3770	*3770	*3590	3060	3090	2050	9.27
(15.0ft)	lb							*8310	*8310	*7910	6750	6810	4520	(30.4)
3.0m	kg			*9160	*9160	*5760	*5760	*4530	4290	*3950	2920	2870	1870	9.55
(10.0ft)	lb			*20190	*20190	*12700	*12700	*9990	9460	*8710	6440	6330	4120	(31.3)
1.5 m	kg			*8660	*8660	*7430	6200	*5380	3980	4170	2760	2810	1820	9.54
(5.0ft)	lb			*19090	*19090	*16380	13620	*11860	8770	9190	6080	6190	4010	(31.3)
Ground	kg			*9310	*9310	*8550	5800	5740	3750	4040	2630	2920	1880	9.26
Line	lb			*20530	*20530	*18850	12790	12650	8270	8910	5800	6440	4140	(30.4)
-1.5m	kg	*8550	*8550	*12160	11270	*8950	5650	5610	3620	3970	2570	3240	2110	8.67
(-5.0ft)	lb	*18850	*18850	*26810	24850	*19730	12460	12370	7980	8750	5670	7140	4650	(28.4)
-3.0m	kg	*11700	*11700	*13020	11430	*8680	5660	5600	3620			3970	2620	7.69
(-10.0ft)	lb	*25790	*25790	*28700	25200	*19140	12480	12350	7980			8750	5780	(25.2)
-4.5m	kg			*11040	*11040	*7560	5840					*4140	3970	6.09
(-15.0ft)	lb			*24340	*24340	*16670	12870					*9130	8750	(20.0)

1. Lifting capacity is based on SAE J1097, ISO 10567.
2. Lifting capacity of the Robex Series does not exceed 75% of the tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The load point is a hook located on the back of the bucket.
4. (*) indicates the load limited by hydraulic capacity.

HYUNDAI INDIA

Network



Disclaimer: All the locations marked on the map are of dealers' head offices

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.

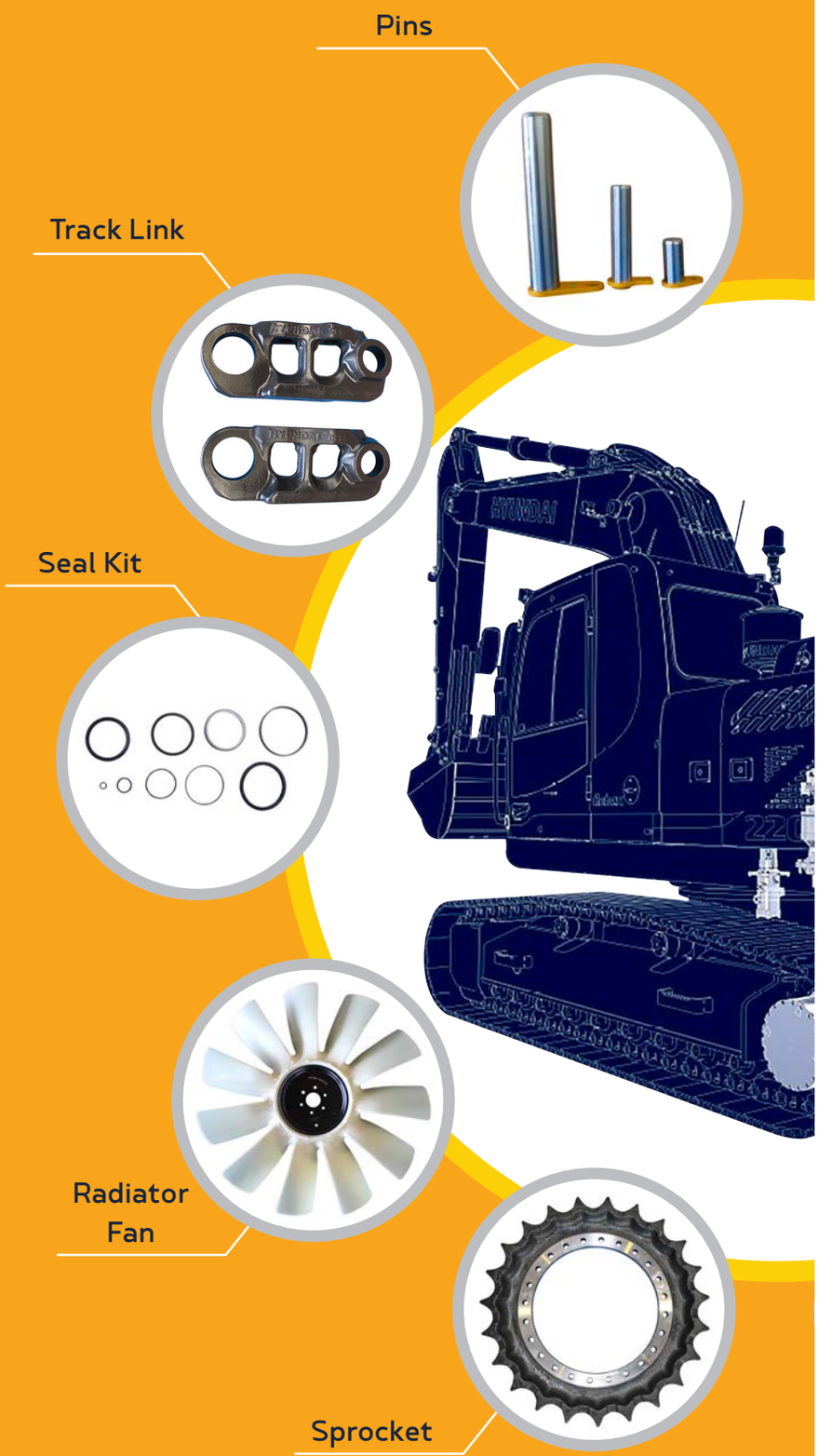
- » Enjoy the confidence and assurance of the most stringent testing procedures and the high quality manufacturing processes safeguarding your machine´s health
- » Experience the versatility of our 190+ strong outlet network across India

Why risk it?

Maximize profits and extend your machine´s life.

Be SURE
Be SAFE
Be SMART
Use only

HYUNDAI GENUINE PARTS



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

RISKS OF USING NON GENUINE PARTS:

- » Sub standard parts may lead to recurring issues
- » Frequent wear and high failure risks
- » Increased repair and service costs
- » Damage of associated parts and fitment issues
- » Damage to the entire system due to a single non-genuine part
- » Unreliable operation and safety hazards
- » Limitation of warranty coverage

210 SMART

Standard Equipment

ISO standard cabin
- All-weather steel cab with all-around visibility
- Safety glass windows
- Rise-up type windshield wiper
- Sliding fold-in front window
- Sliding side window
- Lockable door
- Rear open window
- Accessory box & Ashtray

Computer Aided Power Optimization (New CAPO) system
- 2-power mode, 2-work mode
- Auto deceleration & one touch deceleration system
- Auto overheat prevention system

Self diagnostic system
Cabin lights (2 Nos)
Centralized monitoring
- LCD display
  - Engine speed
  - Clock & Error code
- Gauges
  - Fuel level gauge
  - Engine coolant temperature gauge
  - Hyd. oil temperature gauge
- Warning
  - Fuel level
  - CPU
  - Engine oil pressure
  - Engine coolant temperature
  - Hyd. oil temperature
  - Low battery
  - Air cleaner clogging
- Indicator
  - One touch decel

Tool kit
Door and cab locks, one key
One outside rearview mirror
Fully adjustable suspension seat
Slidable joystick. pilot-operated
Two front working lights
Electric horn
Batteries (2 x 12V x 100 AH)
Battery master switch
Removable clean out screen for oil cooler
Automatic swing brake
Removable reservoir tank
Fuel pre-filter
Boom holding system
Arm holding system
Fuel saving kit
Counterweight (3800kg, 8380lb)
Mono boom (5.68m, 18' 8")
Arm (2.4m, 7'10")
Standard bucket (0.92m^3, 1.20yd^3)
Track shoes (600mm, 24")
Track rail guard
Operator kit

Optional Equipment

Air-conditioner (5,000 kcal/hr, 20,000 BTU/hr)
Sun visor for cabin inside
Cabin front protector
Fuel filler pump (35 l/min, 9.5 US gpm)
Beacon lamp
Single acting piping kit (breaker, etc)
Double acting piping kit (clamshell, etc)
Quick coupler
Fan

Various optional Arms
- Arm (2.00 m, 6' 7")
- Arm (2.92 m, 9' 7")

Various optional Buckets (SAE heaped)
- Rock bucket (0.87 m^3, 1.14yd^3)

Cabin FOPS/FOG(ISO/DIS 10262)
- FOPS(Falling Object Protective Structure)
- FOG(Falling Object Guard)

Track shoes
- Triple grousers shoe (500 mm, 20")

Standard and optional equipment may vary. Contact your Hyundai dealer for more information. The machine shown may vary according to International standards.
All US measurement rounded off to nearest pounds or inches.

HYUNDAI
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Nov. 2018