



Photos may include optional equipment

130 **SMART**

ENGINE RATED POWER
94HP(70.1KW)@1950 RPM

OPERATING WEIGHT
12,100 KG

BUCKET CAPACITY
0.65 m³ (0.6m³ OPTIONAL)/ 0.45 m³ HD

MOVING YOU FURTHER

HiMATE

- Alarm Notification
- Maintenance tracking
- Working information
- Machine live tracking
- Machine Health status





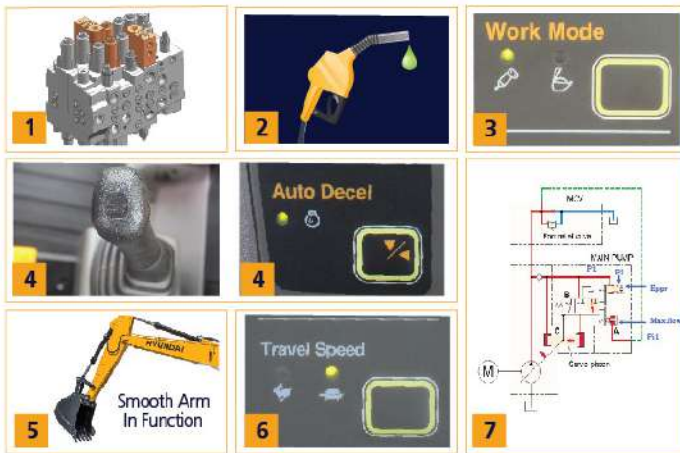
PRODUCTIVITY

1. 8% increase in Bucket capacity **New!**
2. Swing priority function for faster cycle time
3. Mode options to optimize power
4. Power control through CAPO system



EFFICIENCY

1. Improved main control valve **New!**
2. Lower fuel consumption through improved technology
3. Exclusive breaker mode
4. One touch idle and Auto deceleration function **New!**
5. Maximum utilization of energy through arm regeneration
6. Dual travel speed for faster response
7. Improved Electro hydraulic flow control



OPERATOR CONVENIENCE

1. Biggest in class cabin (AC optional)
2. SMART digital colour display
3. Sun visor **New!**
4. Seat with 7 adjustments
5. Soft controls
6. Lights and music system
7. 12V power socket for mobile charging **New!**





STRUCTURE & DURABILITY

1. Reinforced front attachment
2. One piece casted control link
3. Reinforced idler area for high durability
4. Strong X-frame



SERVICEABILITY

1. Easy Serviceability
2. Clean fuel through fuel filler pump (optional)
3. Engine oil upto 500hrs and hydraulic oil upto 5000hrs
4. Machine warranty for 2 years / 5000 hrs*
5. Improved maintenance management
6. RMS optional



*Terms & Conditions applicable



SAFETY

1. Holding valve prevents attachments from drifting
2. Auto Engine Overheat Protection
3. Anti restart system to avoid accidental damage
4. Auto warning during machine malfunction
5. Inbuilt self-diagnostic
6. Safety lever to ensure safeguarding against machine movement



Specifications

Engine

Maker/Model		Kirloskar 4R1040TJ	
Rated flywheel horse power	SAE	J1995 (Gross)	94 HP (70.1 KW) @1,950 rpm
		J1349 (Net)	91 HP (67.9 KW) @1,950 rpm
Max Torque		36.5 kgf.m (264 lbf.FT) @1,550 rpm	

Hydraulic System

Main pump

Type	Two variable displacement piston pumps
Max. flow	2 x 112 lpm
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 pairing brake
Swing	Axial piston motor with automatic brake

Relief valve settings

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

Coolant & Lubricant Capacity

REFILLING	LITRE
Fuel tank	250
Engine coolant	20
Engine oil	11.5
Swing device	2.5
Final drive (each)	2.5
Hydraulic system / Hydraulic tank	180 / 100

Drives & Brakes

Drive method	Fully hydrostatic type
Drive motor	Axial piston motor in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	10400 kgf
Max. travel speed (high/low)	5.5 kmph /3.4 kmph
Gradeability	35 Degree (70%)
Parking brake	Multi wet disc

Undercarriage

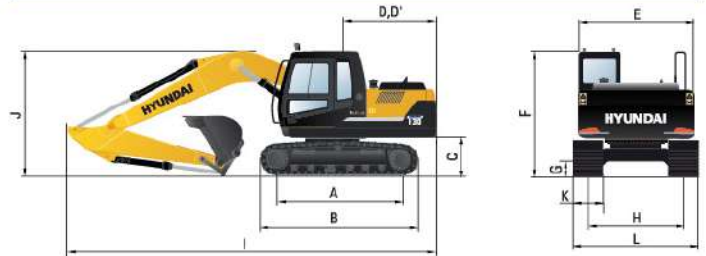
X-Leg type centre frame is integrally welded with reinforced box section track frames. The undercarriage includes lubricated rollers, idlers, track adjusters with shock absorbing spring and sprockets, and track chain with triple grouse shoes.

Centre frame	X-leg type
Track frame	Pentagonal box type
No. of shoes on each side	41
No. of carrier rollers each side	1
No. of track rollers. each side	6
No. of rail guards on each side	1

Swing System

Swing motor	Axial piston motor
Swing reduction	Planetary gear reduction
Swing bearing lubrication	Grease bathed
Swing brake	Multi wet disc
Swing speed	12 rpm

Swing System



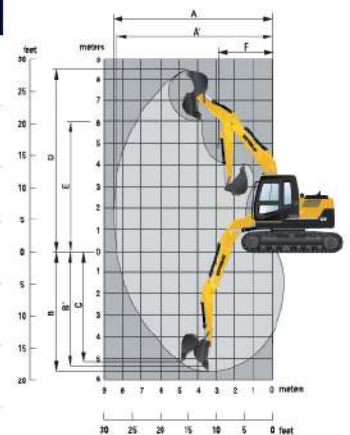
Dimensions

	mm	
A	Tumbler distance	2610
B	Overall length of crawler	3340
C	Grand clearance of counterweight	900
D	Tall swing radius	2130
D'	Rear-end length	2110
E	Overall width of upperstructure	2475
F	Overall height of cab	2800
G	Min ground clearance	440
H	Track gauge	1990
I	Overall length of crawler	7240
J	Overall height of boom	2550
K	Track Shoe Width	500
L	Overall Width	2490

Working Ranges

Boom length (std.)	4300
Arm length (std.)	1960

A	Maximum Digging Reach.	7460
A'	Digging Reach on Ground.	7320
B	Max Digging Depth	4770
B'	Max- Digging Depth (8' level).	4510
C	Vertical Digging Depth	4070
D	Maximum Digging Height	7900
E	Maximum Dumping Height.	5540
F	Minimum Swing Radius.	2340



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Factory Location

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