HMK 230 LC

HIDROMEK

HIDROMEK

230

.

HMK 230 LC

111







New H4 Series Innovation coming from experience

Being produced with developed hydraulic system design, HİDROMEK's new H4 Series excavators offer an outstanding performance by working faster, more productively and more efficiently. H4 Series excavators produce more work with less fuel; hence, they are more profitable for their users than ever.



Performance	6-7
Durability	8-11
Safety	12-13
Technology	14-15
Comfort	16-17
HİDROMEK Smartlink - Ease of Service	18-19
Technical Features	20-25

The information and images, and equipment presented in this brochure are either standard or optional depending on the configuration. HIDROMEK has the right to modify the specifications and the designs of the model indicated in this brochure without prior notice.



More work within less time

17 % More productive*

Shortening the work cycle time with bigger bucket capacity and speed, H4 Series carry the productivity to the top level with their new technology.

21% More efficient*

With improvements to the attachment and hydraulic group, H4 Series excavators ensure more work within less time.

7% Faster*

With faster hydraulic movements due to developed hydraulic system design, H4 Series excavators ensure more work within less time.

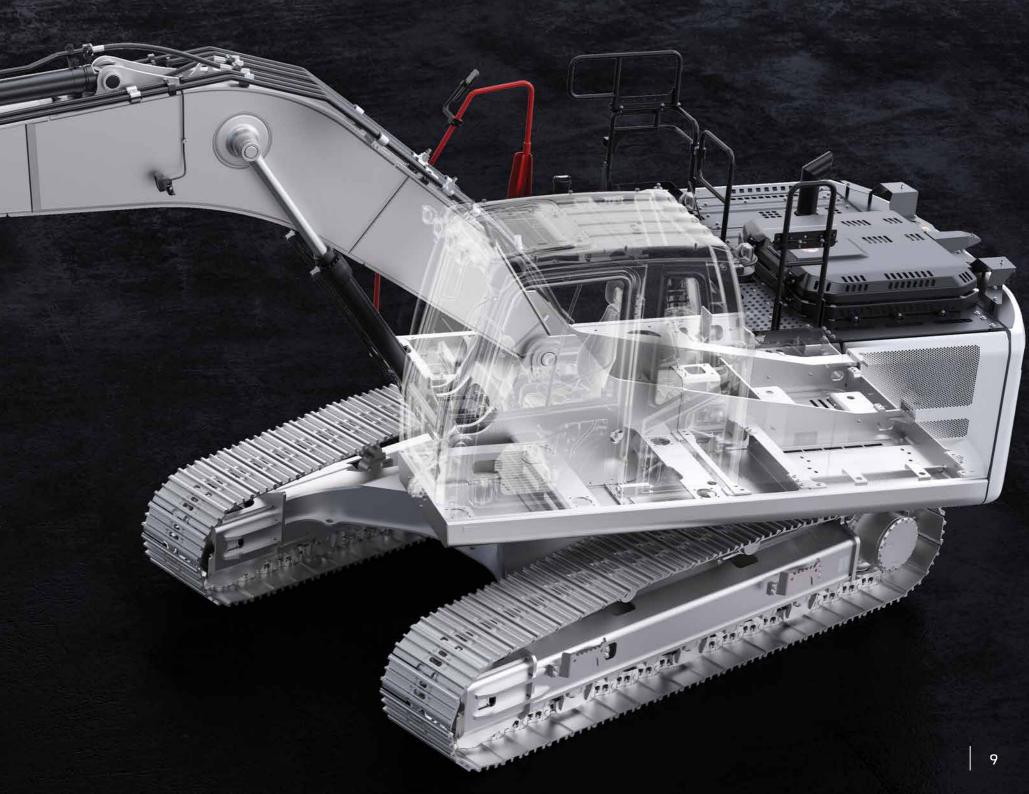
* The data are prepared in comparison with the previous serie in HP mode.





More durable

Produced to have reinforced heavy duty construction considering maximum performance, long life and smooth operation in severe field conditions, HİDROMEK excavators ensure more durability with the improvements made in the new H4 Series.





More durable anti-wearing plates (Hardox 450 HB)



Optimized bucket form



Reinforced arm supporting parts



Reinforced casting tip



Heavy duty arm

(5)



Reinforced boom structure

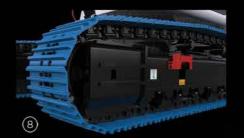
Reinforced heavy duty construction

With their reinforced heavy duty construction produced at HİDROMEK's modern production facilities and going through sensitive quality-control processes, H4 Series excavators have excellent durability.

Bronze-Graphite Bushings



Reinforced boom cylinder cast bearing



Reinforced lowerframe and undercarriage components



(5)

(4)

1

Bronze-graphite bushings used in boomarm and boom-frame connection points increase the lubrication period, and greatly prevent the wear of the pins because of graphite, having a very high grease absorption and retention capability, embedded in the inner structure of the bushings.



Safeworkingenvironment

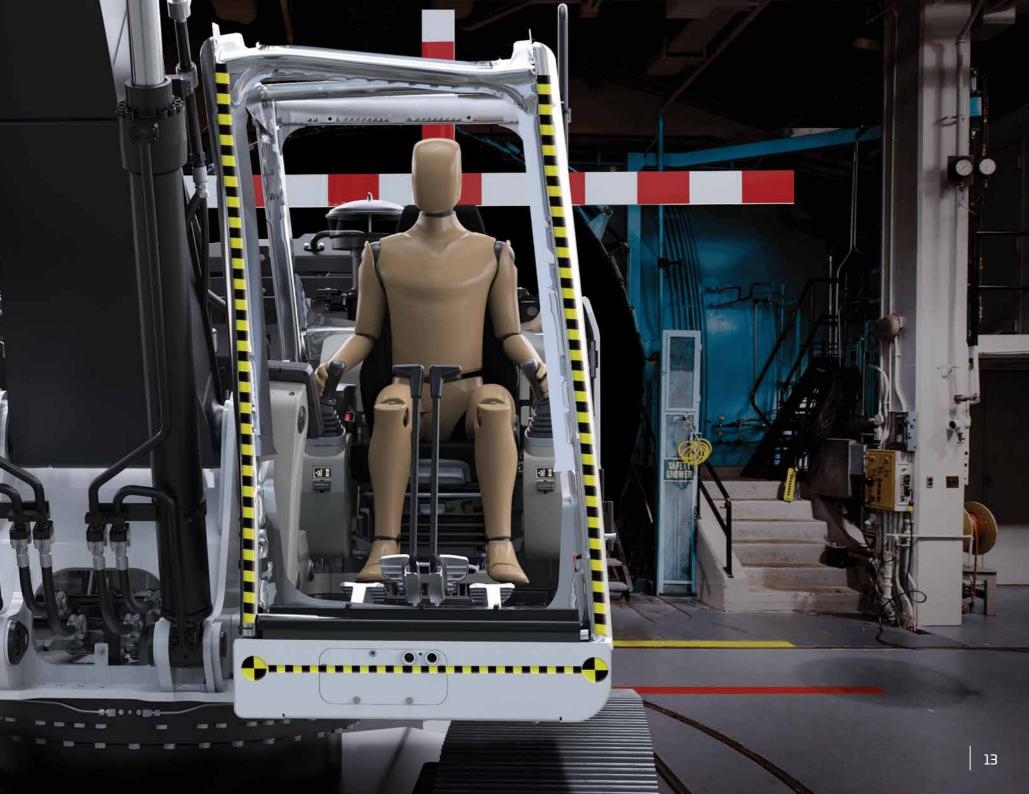
ROPS&FOPS cabin

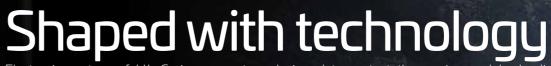
Having the standards of ROPS (Roll Over Protective Structure) & FOPS (Falling Object Protective Structure), H4 Series excavators provide maximum safety and durability.

Wide vision capacity Designed with giving special importance to occupational safety, H4 Series ensure excellent vision by minimizing the blind spot on the side and rear cameras. Along with the increase in the number of led headlights, the night vision is significantly improved on H4 Series excavators; in addition, there are also red handles and warning labels providing maximum safety for the operator.

Audio warning systems

H4 Series excavators enable safer working environment with their automatic starting horn, swing warning system and travel warning system.





Electronic system of H4 Series excavators designed to protect the engine and hydraulic components to provide fuel saving and superior performance.

Automatic stop system

In the new series, automatic stop system through configurable idling and stopping times provides fuel saving by stopping the engine after the machine is on idle. Automatic stop system in H4 Series helps to decrease the operational costs to minimum, and contributes to saving the environment.

Safe fuel transfer pump

"Safe fuel transfer pump" added to H4 Series stops the pump automatically when the tank is full and this feature gets activated also when the pump does not transfer fuel for 30 seconds, and ensures that the pump stops automatically.

Power boost technology

In H4 Series, power boost technology gets activated automatically in the conditions when the machine needs extra power, and ensures that the machine has the proper performance for the work.

8" Touch control panel

8 inch touch control panel is positioned ergonomically at a point that the operator can easily reach it. Touch control panel having high quality hardware and a large screen easily enables to control the machine features and access to machine information.

The features of touch control panel:

- It offers multi-language option
- Music system is integrated into 8 "touch control panel.
- It allows the operator to adjust the flow required for the attachment without leaving the cab and save this information for 20 different attachments.
- Selection of double or single acting line can also be done over the user panel.
- During travel, rear and side view cameras with improved image quality and activated automatically can be controlled.
- Information on the average and instant fuel consumption can be obtained
- Information on status such as atmospheric pressure, turbo boost pressure, fuel pressure and hydraulic pump pressure can be obtained.
- User can acquire working hour information such as work, attachment and travel.
- Maintenance registries can be obtained, and the user is warned when the maintenance time approaches.
- Failure codes and registries can be obtained.
- Audio warning systems can be controlled

COBBAN

1000

TIDROM

OPERA, the guide of the field

H4 Series excavators are equipped with Opera (HİDROMEK Operator Interface) for the operator to use the machine easily, and feel comfortable and relaxed as he is in an office environment.

Functions to be controlled by means of Opera

- •Engine RPM control
- Access to control panel menu
- Functions of lights, windshield wipers and rear view camera
 Music system control

MOROME!

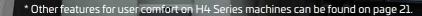
- •Auto stop control of the engine to ensure maximum fuel economy during low idle
- •On H4 Series machines, the preheating system available to protect the engine and hydraulic systems can be controlled via Opera.

The aesthetic design of power

The seat ergonomic, heated, air suspended and having 35 degrees adjustable backrest angle is provided in H4 Series, and it enables the operator to work comfortably and without getting tired for long working hours.

H4 Series which has many features* such as proportional control pedals and joysticks, throttle control dial, operator touch screen, interior light, cup holder and heating-cooling box give more importance to user comfort. HIDROMEK

1



Office comfort in construction equipment

Automatic air conditioning system

Air vents and air conditioning system which can automatically adjust itself according to the ambient heat located in the redesigned cabin provide the best cooling performance in its class by 30%.

Wide angle view

On the new series machines, the new two-piece windshield wiper system designed for creating more comfortable work environment provides a wide angle view which increases the work efficiency of the user.

Led headlights for night vision

Led headlights on new H4 Series machines improve the night vision, and enable the operator to work more safely and comfortably.

Dampers

By using 6 silicone dampers on H4 Series excavators, noise, shock and vibration are absorbed and prevented from being transmitted to the cabin under any working condition.

You have the control with HIDROMEK Smartlink

Telematic system HİDROMEK Smartlink allows the user to easily access to machine location and technical information via computer and mobile phone.

Follow the work time and location of your machine through HİDROMEK Smartlink!

Through GPS tracking system, it is possible to track the location and the work time intervals of the machine.

Analyze your fuel consumption through HİDROMEK Smartlink!

It is possible to analyze fuel consumption according to the working conditions of the machine and daily fuel parameters.

Check the works for which your machine has been used through HİDROMEK Smartlink!

Through working mode information, it is possible to see the daily and total working hours of the machine for excavation and leveling and with crusher or with other optional attachments besides the power mode information and the speed ranges.

Follow your machine's maintenance through HİDROMEK Smartlink!

Under the Alerts list, the machine's upcoming maintenance can be checked while the information of the nearest authorized service can be obtained, and it can be contacted.

Contact the nearest authorized service or regional service through HİDROMEK Smartlink!

With the application, it is possible to obtain the information on Regional and Authorized Services of HİDROMEK After Sales Services as well as the directions to them.

Have performance reports for the selected periods of time for your machines through HIDROMEK Smartlink!

For any selected periods of time, it is possible to have a report on daily fuel consumption, average fuel consumption, power and working modes, daily work time intervals and locations.



To download Smartlink application



Easy maintenance and fast service for H4 Series through safe and easy access

H4 Series excavators, designed considering fast access to hydraulic and engine equipment, provide easy maintenance and service. Most of the maintenance can be easily carried out without getting on the machine, which shortens the service time and increases machine work time.

Automatic greasing system ensures that all parts of the machine can be lubricated from one single center.



HMK230LC

11/1

- STORE

ENGINE

LINGINE		
Brand & Mo	odel	ISUZU GI-4HK1X
Туре		Water cooled, 4 cycles, 4 cylinders, inline, diesel engine with direct injection, turbocharger and intercooler
Power	Gross	161 HP (120 kW) @2000 rpm / SAE J1995
Power	Net	151 HP (113 kW) @2000 rpm / SAE J1349
Maximum Torque	Gross	657 Nm @1500 rpm
Displaceme	ent	5193 cc
Bore x Stroke		115 mm x 125 mm
Emission Class		R96 (Stage-IIIA)

LOWER FRAME	
Construction	"X" type lower frame with pentagon shaped box type side frames
Shoe	Triple grouser
No. of Shoes	2 x 49 pieces
No. of Lower Rollers	2 x 9 pieces
No. of Upper Rollers	2 x 2 pieces
Track Tensioner	Hydraulic type with spring cushioning

ELECTRICAL SYSTEM		
Voltage	24 V	
Battery	2 x 12 V / 100 Ah	
Alternator	24 V / 50 A	
Starter Motor	24 V / 5 kW	

HYDRAULIC SYSTEM

MAIN PUMP	
Туре	2 axial piston pumps with variable displacement and swashplate
Max. Flow Rate	2 x 221 L/min
Pilot Pump	Gear type 20 L/min (10 cc/dev)
WORKING PRESS	URE
Attachment	350 kgf/cm ²
Power Boost	370 kgf/cm ²
Travel	350 kgf/cm ²
Swing	306 kgf/cm ²
Pilot	40 kgf/cm ²
HYDRAULIC CYLI	NDERS
Boom	2x ø120x ø85x1300 mm
Arm	1x ø135x ø95x1520 mm
Bucket	lx øl20x ø85x1060 mm

BRAKES	
	Fully hydrostatic
	Axial piston motor with 2 speed stages and swashplate
	2 stage, planetary gear type
High Speed	5,8 km/h
Low Speed	3,8 km/h
	18.365 kgf
	35° (%70)
	Hydraulic disc type, pilot operated and automatically released
Nith 600 mm Shoe)	0,50 kgf/cm ²
	High Speed Low Speed

FILLING CAPACITI	ES		
Fuel Tank	405 L	Engine Cooling System	33 L
Hydraulic Tank	152 L	Engine Oil	20 L
Hydraulic System	285 L		

SWING SYSTEM		
Swing motor	Fixed swashplate piston motor integrated with super shock absorber valve	
Reduction	2 stage, planetary gear type	
Swing Brake	Hydraulic disc type, pilot operated and automatically released	
Swing Speed	11,9 rpm	

OPERATING WEIGHT (kg)				
	Mono Boom	Two Pieces Boom	LR	
HMK 230 LC	23.400	23.950	25.850	
HMK 230 NLC	23.450	24.150	-	

EQUIPMENT

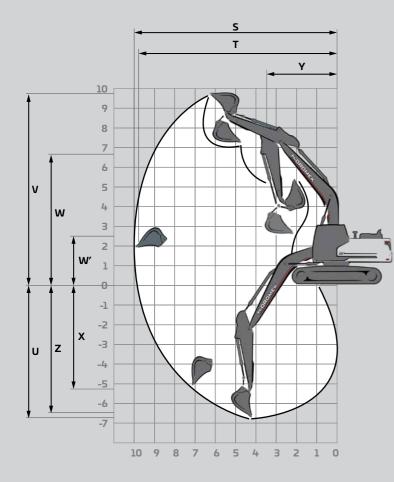
HMK 230 LC

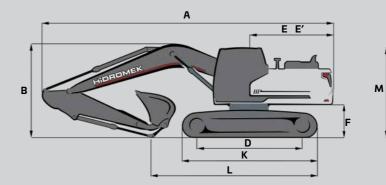
Water cooled diesel engine with turbocharger and intercooler Engine pre-heat function Automatic idling One touch auto-idle system Automatic stop function Two-stage air filter Air filter clogged indicator Low engine pressure warning system Overheat warning system Adjustable power modes High altitude working function Electronical engine control Hydraulic System Boom and arm regenaration valve Automatic power boost	• • • • • • • • • • • • • • • • • • •	
Automatic idling One touch auto-idle system Automatic stop function Two-stage air filter Air filter clogged indicator Low engine pressure warning system Overheat warning system Adjustable power modes High altitude working function Electronical engine control Hydraulic System Boom and arm regenaration valve	• • • • • • • • • • • • • • • • • • •	
One touch auto-idle system Automatic stop function Two-stage air filter Air filter clogged indicator Low engine pressure warning system Overheat warning system Adjustable power modes High altitude working function Electronical engine control Hydraulic System Boom and arm regenaration valve	• • • • • • • • • • • • • • • • • • •	
Automatic stop function Two-stage air filter Air filter clogged indicator Low engine pressure warning system Overheat warning system Adjustable power modes High altitude working function Electronical engine control Hydraulic System Boom and arm regenaration valve	• • • • • • • • • • • • • • • • • • •	
Two-stage air filter Air filter clogged indicator Low engine pressure warning system Overheat warning system Adjustable power modes High altitude working function Electronical engine control Hydraulic System Boom and arm regenaration valve	• • • • • • • • • • • • • • • • • • •	
Air filter clogged indicator Low engine pressure warning system Overheat warning system Adjustable power modes High altitude working function Electronical engine control Hydraulic System Boom and arm regenaration valve	Standard	
Low engine pressure warning system Overheat warning system Adjustable power modes High altitude working function Electronical engine control Hydraulic System Boom and arm regenaration valve	e e e Standard	0. discul
Overheat warning system Adjustable power modes High altitude working function Electronical engine control Hydraulic System Boom and arm regenaration valve	Standard	() discul-
Adjustable power modes High altitude working function Electronical engine control Hydraulic System Boom and arm regenaration valve	• • • Standard	
High altitude working function Electronical engine control Hydraulic System Boom and arm regenaration valve	• • Standard	
Electronical engine control Hydraulic System Boom and arm regenaration valve	• Standard	Octional
Hydraulic System Boom and arm regenaration valve		0-4
Boom and arm regenaration valve		Ostissal
Boom and arm regenaration valve		
-		Optional
Automatic power boost	•	
Smooth boom feature	•	0
		U
Main hydraulic filter	•	
Backup ports (valve)	•	
Cylinder cushioning and contamination seals	•	
Single-acting hydraulic line, breaker		0
Double- acting hydraulic line, crusher		0
Additional line		0
Quick coupling line		0
Attachment settings through instrument panel		0
OPERATOR'S CAB	Standard	Optional
Pressurized and sound isolated cabin	•	
Air-conditioning	•	
Air-suspension seat	•	
Heated seat		0
Operator touch screen	•	Ū
Opera control system	•	
Throttle control dial		
	•	
Automatic travel speed (low / high)	-	
4 different working modes	•	
Sliding windscreen and removable lower windscreen	•	
Openable left door window	•	
Upper and lower windshield wiper	•	
Joysticks and pedals	•	
Travel pedals and control levers	•	
Proportional controlled pedals and joysticks		0
Electric horn	•	
Intrerior light	•	
Cup-holder	•	
Convenient storage	•	
Convenient storage (for equipment)	•	
Heating & Cooling box	•	
Easy-cleaned floor	•	
12V power socket	•	
	•	
Computer connection port	•	
Radio / mp3 / usb / Aux Detachable Movement Levers	•	0

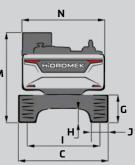
Lower Frame	Standard	Optional
Narrow Lower Chassis		0
Track width options 700/800/900		0
Lubricated and sealed track components	•	
Dozer blade		0
Mooring points for shipment	•	

Safety	Standard	Optional
ROPS (Roll Over Protective Structure)	•	
FOPS (Falling Object Protective Structure)	•	
Rear view camera	•	
Side view camera		0
Right and left rear view mirrors	•	
Working lamps	•	
LED working lamps		0
Rotating beacon		0
Swing and travel alarm		0
Emergency engine stop switch	•	
Pilot operated and automatically released swing brake	•	
Boom and arm cylinder safety valve		0
Overload warning system		0
Battery cut-off switch	•	
Handrails by the steps and on the upper frame	•	
Perforated metal non-slip plates	•	
Safety locking device	•	
Safety glass	•	
Emergency hammer	•	
Lockable fuel tank cover	•	
Upper and lower guards for windshield		0
Operator's cab ceiling guard		0

Miscellaneous	Standard	Optional
Telematic system (HİDROMEK Smartlink)		0
GEO System		0
Fuel transfer pump with automatic stop	•	
Water sensor on fuel pre-filter	•	
Bio oil B7	•	
Alternator - Battery	•	
Battery Charge Indicator	•	
Automatic lubrication system		0
Working lamp guards		0
Hydraulic breaker return line filter		0
Double pump combination function		0
Choosing single or double acting attachment on the instrument panel		0
Choosing the control method for the optional attachment		0
Boom cylinder piping guard		0
Bucket cylinder rod guard		0
Warning horn	•	
Counterweights		0







	עום	AENSIONS						
				L	ſ		NL	C
			Мопо		Two Pieces Boom	LR	Mono Boom	Two Pieces Boom
	BOC	0M (m)	*5,70	5,70	5,60	8,50	5,70	5,60
	ARN	Λ (m)	*2,92	2,40	2,92	6,10	2,40	2,92
	A)	Overall Length	9.680	9.680	9.590	12.440	9.730	9.630
	B)	Overall height (to top of boom)	3.120	3.120	3.090	3.090	3.120	3.090
	C)	Overall Width	2.990	2.990	2.990	3.090	2.540	2.540
	D)	Distance between tumblers	3.640	3.640	3.640	3.640	3.640	3.640
Ē	E)	Distance from center of swing to rear end	2.810	2.810	2.810	2.810	2.855	2.855
	E´)	Tail swing radius	2.850	2.850	2.850	2.850	2.875	2.875
NS NS	F)	Counterweight Clearance	1.065	1.065	1.065	1.065	1.065	1.065
GENERAI ENSIONS	G)	Track Height	935	935	935	935	935	935
	H)	Ground Clearance	465	465	465	465	465	465
U ₩	I)	Track Gauge	2.390	2.390	2.390	2.390	2.040	2.040
	J)	Shoe Width	600	600	600	700	500	500
	K)	Track Length	4.460	4.460	4.460	4.460	4.460	4.460
	L)	Length on ground (transport)	5.320	5.920	5.340	4.790	5.920	5.340
	M)	Overall height of cab	3.010	3.010	3.010	3.010	3.010	3.010
	N)	Overall width of upperstructure	2.740	2.740	2.740	2.740	2.500	2.500
	S)	Maximum Digging Reach	9.970	9.560	9.920	15.070	9.560	9.920
	T)	Maximum Digging Reach on Ground Level	9.810	9.390	9.750	14.960	9.390	9.750
٦	U)	Maximum Digging Depth	6.730	6.210	6.400	11.450	6.210	6.400
Ž,	V)	Maximum Digging Height	9.680	9.620	10.900	13.120	9.620	10.900
Ϋ́Ϋ́Ϋ́Ϋ́Ϋ́Ϋ́Ϋ́Ϋ́Ϋ́Ϋ́Ϋ́Ϋ́Ϋ́Υ	W)	Maximum Dumping Height	6.950	6.840	8.000	10.710	6.840	8.000
WORKING RANGES (mm)	W′)	Minimum Dumping Height	2.520	3.040	3.000	2.320	3.040	3.000
RA <	X)	Maximum Vertical Digging Depth	5.250	5.050	5.070	10.930	5.050	5.070
	Y)	Minimum Swing Radius	3.520	3.550	2.440	4.290	3.550	2.440
	Z)	Maximum Digging Depth (2440 mm level)	6.540	6.010	6.300	11.320	6.010	6.300

* Standard

FORCE	S						
			L	NLC			
		Мопо	Boom	Two Pieces Boom	LR	Mono Boom	Two Pieces Boom
	B00M (m)	*5,70	5,70	5,60	8,50	5,70	5,60
	ARM (m)	2,92*	2,40	2,92	6,10	2,40	2,92
	Bucket Digging Force	13.400	13.400	13.300	5.700	13.300	13.300
SAE	Bucket Digging Force (Power Boost)	14.200	14.200	14.000	-	14.000	14.000
	Arm Crowd Force	10.200	11.600	10.000	4.100	11.400	10.000
	Arm Crowd Force (Power Boost)	10.700	12.200	10.600	-	12.100	10.600
	Bucket Digging Force	15.100	15.100	15.100	6.600	15.100	15.100
ISO	Bucket Digging Force (Power Boost)	15.900	15.900	15.900	-	15.900	15.900
	Arm Crowd Force	10.400	11.900	10.400	4.200	11.800	10.400
	Arm Crowd Force (Power Boost)	11.000	12.600	11.000	-	12.500	11.000

A- Material density less than 2.000 kg/m³ B- Material density less than 1.800 kg/m³ C- Material density less than 1.500 kg/m³ D- Material density less than 1.200 kg/m³

* Standard

STANDARD	D BUCKET		OPTION	AL BUCK	ET SELE	CTION SC	HEME									
(٢	General Purpose Bucket						Heavy Duty Type Bucket							
	Width	1.290 mm	600 mm	750 mm	900 mm	1050 mm	1200 mm	1400 mm	600 mm	750 mm	900 mm	1030 mm	1110 mm	1200mm	1370 mm	1500 mm
	Capacity (SAE)	* 1,10 m³	0,41 m ³	0,54 m³	0,69 m ³	0,84 m ³	1,00 m ³	1,20 m ³	0,40 m ³	0,52 m³	0,68 m³	0,82 m ³	0,90 m ³	1,00 m ³	1,20 m ³	1,30 m ³
	Weight	960 kg	510 kg	580 kg	650 kg	700 kg	780 kg	950 kg	510 kg	600 kg	680 kg	730 kg	750 kg	820 kg	880 kg	930 kg
	Number of Teeth	5	З	З	4	4	5	5	З	З	4	4	4	5	5	6
	*2,92 m	В	А	A	А	А	A	С	А	А	А	А	А	А	С	C
ARM	2,40 m	А	А	А	А	А	А	В	А	А	А	А	А	А	В	C
3,50 m C A A A B D							D	А	А	А	А	А	В	D	D	
	ARM	انان الماري الماري	Width1.290 mmCapacity (SAE)*1,10 m³Weight960 kgWumber of Teeth5ARM2,40 mA3,50 mC	Width1.290 mm600 mmCapacity (SAE)*1,10 m³0,41 m³Capacity (SAE)*1,10 m³0,41 m³Weight960 kg510 kgNumber of Teeth53ARM2,40 mA3,50 mCA	Width1.290 mm600 mm750 mmCapacity (SAE)*1,10 m³0,41 m³0,54 m³Weight960 kg510 kg580 kgWumber of Teeth533ARM2,40 mAA	Width1.290 mm600 mm750 mm900 mmCapacity (SAE)*1,10 m³0,41 m³0,54 m³0,69 m³Mumber of Teeth760 kg510 kg580 kg650 kgARM2,40 mAAA3,50 mCAAA	Width1.290 nm600 nm750 nm900 nm1050 nmCapacity (SAE)*1,10 n³0,41 n³0,54 n³0,69 n³0,84 n³Capacity (SAE)*1,10 n³0,41 n³0,54 n³0,69 n³0,84 n³Mumber of Teeth510 kg580 kg650 kg700 kgARM2,40 mAAAA3,50 mCAAA	Image: style s	Width1.290 nm600 nm750 nm900 nm1050 nm200 nm400 nmCapacity (SAE)*1,10 n³0,41 n³0,64 n³0,69 n³0,84 n³1,00 n³1,20 n³Mumber of Teeth50510 kg580 kg650 kg700 kg780 kg950 kgARM2,40 mAAAAAA3,50 mCAAAAB	Seneral Purpose Burger	Image: state s	Image: state s	Image: Selection of the selec	Image: series of the series	Image: state s	Image: state stat

' Standard















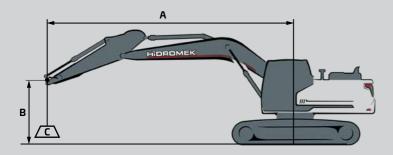
LIFTING	CAPACIT	Y (kg)										HMI	< 230 LC
	Boom	: 5,7 m	Arm: 2	2,92 m	Without bucket		STD, 600 mm Crawler		CW: 4000 kg		i Fror	it 🗰	🛶 : Side
A, m	1,5		3,0		4,	,5	6,0		7,5		Maximum Reach		
B, m	j	#	J	#	j	#	j	#	Į.	#	l	#	R, m
7,5							*5150	*5150			*4550	*4550	6,24
6,0							*5100	*5100			*4250	4000	7,37
4,5					*6450	*6450	*5600	5450	*5150	3800	*4150	3350	8,05
З,О					*8250	7900	*6350	5150	*5500	3700	*4250	3050	8,42
1,5					*9850	7300	*7150	4850	5500	3550	*4550	2950	8,50
0 (Ground)			*5950	*5950	*10600	6950	7500	4650	5400	3450	4650	3000	8,30
-1,5	*6750	*6750	*10900	*10900	*10550	6850	7400	4550	5350	3400	5050	3200	7,82
-3,0	*11850	*11850	*13600	*13600	*9650	6950	*7150	4600			*5800	3800	6,97
-4,5			*10450	*10450	*7600	7200					*5700	5300	5,61

LIFTING	CAPACIT	Y (kg)										НМІ	< 230 LC
	Boom	: 5,7 m	Arm:	2,4 m	Without bucket		STD, 600 mm Crawler		CW: 4000 kg		🖥 : Front 🛛 🗰		🛶 : Side
A, m	1,	.5	3,0		4,	,5	6,0		7,5		Maximum Reach		
B, m	i	#	J	#	j	#	J	# *	i	#	J	#	R, m
7,5											*5900	*5900	5,67
6,0							*5650	5600			*5450	4400	6,89
4,5			*10150	*10150	*7200	*7200	*6050	5400	*5600	3800	*5300	3700	7,62
3,0					*8950	7750	*6800	5150	5650	3700	5100	3350	8,00
1,5					*10350	7250	*7500	4850	5550	3550	4950	3200	8,09
0 (Ground)					*10800	7000	7550	4700	5450	3500	5100	3250	7,88
-1,5			*10650	*10650	*10400	7000	7500	4650			5600	3600	7,37
-3,0			*12400	*12400	*9200	7100	*6800	4750			*6000	4350	6,46
-4,5					*6400	*6400					*5450	*5450	4,95

LIFTING	CAPACIT	Y(kg)										HMK 2	30 LC LR
	Boom	: 8,5 m	Arm:	6,1 m	Without bucket		STD, 700 mm Crawler		CW: 5500 kg		i : Fron	it 🗰	🛶 : Side
A, m	3,0		6,0		9,0		12,0		15,0		Maximum Reach		
B, m	i	#	J	#	j	#	J	#	l	#	i	#	R, m
12,0											*1450	*1450	9,17
9,0											*1300	*1300	11,71
6,0					*2650	*2650	*2450	2200			*1250	*1250	13,11
3,0	*9100	*9100	*4700	*4700	*3300	*3300	*2700	2050			*1350	*1350	13,72
0 (Ground)	*3400	*3400	*6250	5000	*3950	2900	*2950	1850			*1600	1500	13,66
-3,0	*5450	*5450	*6800	4600	4250	2650	2850	1750			*2050	1600	12,90
-6,0	*8150	*8150	*6350	4600	*4100	2600					*3000	1950	11,31
-9,0	*7950	*7950	*4700	*4700							*3150	3100	8,43

LIFTING	CAPACIT	Y(kg)										НМК	230 NLC
	Boom	: 5,7 m	Arm: 2,4 m		Without bucket		STD, 500 mm Crawler		CW: 4700 kg		i Fron	nt 🗰	🛥 : Side
A, m	1,5		3,0		4	,5	6,0		7,5		Maximum Reach		
B, m	Ţ		J	#	J	#	J	#	J	#	Į.	#	R, m
7,5											*5900	5500	5,67
6,0							*5650	5000			*5450	3950	6,89
4,5			*10150	*10150	*7200	*7200	*6050	4850	*5600	3400	*5300	3300	7,62
3,0					*8950	6850	*6800	4600	*5800	3300	5350	3000	8,00
1,5					*10350	6350	*7500	4350	5750	3200	5150	2850	8,09
0 (Ground)					*10800	6100	7850	4150	5700	3100	5300	2900	7,88
-1,5			*10650	*10650	*10400	6100	*7750	4100			5850	3200	7,37
-3,0			*12400	11650	*9200	6200	*6800	4200			*6000	3850	6,46
-4,5					*6400	*6400					*5450	*5450	4,95

LIFTING	CAPACIT	Y(kg)									HMK 23	0 NLC - 2	P BOOM
	Boom:	5,60 m	Arm: 2,92 m		Without bucket		STD, 500 mm Crawler		CW: 4700 kg		: Front 🗰		🛶 : Side
A, m	1,5		3,0		4,5		6,0		7,5		Maximum Reach		
B, m	J	#	j	#	j	#	j	#	i.	#	Ţ	# *	R, m
9,0											*5750	*5750	4,24
7,5					*7050	*7050	*5350	5050			*4650	*4650	6,17
6,0					*7200	*7200	*6550	5100			*4250	3600	7,30
4,5			*9600	*9600	*8500	7650	*6900	4900	*5950	3400	*4150	3000	7,99
3,0					*9750	6950	*7400	4600	5900	3250	*4250	2700	8,36
1,5					*10600	6350	*7750	4300	5750	3100	*4500	2600	8,44
0 (Ground)			*6100	*6100	*10450	6000	*7700	4050	5650	3000	4900	2650	8,25
-1,5			*11100	11000	*9350	5900	*7050	4000	*5100	2950	*4700	2850	7,76
-3,0			*8750	*8750	*7250	5950	*5400	4050			*4000	3400	6,91



- - 1. The above loads are in compliance with SAE J1097 and ISO 10567 Hydraulic Excavator Lifting Capacity Standards

Α

- **2**. The load point is the center-line of the bucket pivot mounting pin on the arm
- **3.** Lifting capacity cannot exceed 75% of tipping capacity or 87% of hydraulic capacity.
- **4.** (*) indicates load limited by hydraulic capacity.

A Load RadiusB Load Point HeightC Lifting Capacity

HIDROMEK

HEAD OFFICE

Address : Ahi Evran OSB Mahallesi, Osmanlı Caddesi, No:1, 06935 Sincan-ANKARA/TÜRKİYE Phone :+90 312 267 12 60 Fax :+90 312 267 12 39 E-mail: export@hidromek.com.tr

AFTER SALES SERVICE

 Address : İstanbul Yolu 17. Km,
 Şehit Osman Avcı Mahallesi,

 No: 479, Etimesgut-ANKARA/TÜRKİYE

 Phone
 : +90 312 280 87 40

 Fax
 : +90 312 280 87 48



HIDROMEK MAQUINARIA DE CONSTRUCCION ESPAÑA S.L.

Address : Avenida Del Progres 7 08840 – Viladecans Barcelona/ SPAIN Phone :+34 93 638 84 65 E-mail : info@hidromek.es

Address : 72, Zhivopisnaya str., Building A, village Oktyabrskiy, Krasnodar, 350032, RUSSIA Phone :+7 861 290 3007 E-mail : hidromekrus@hidromek.ru

HIDROMEK JAPAN

Address : 5-10, Hashimoto 6-chome, Midori-Ku, Sagamihara, Kanagawa, 252-0143 JAPAN Phone :+81 42 703 0261 Fax :+81 42 703 0262 E-mail :Kiyoko.Shinoda@hidromek.com

HİDROMEK Construction Equipment (Thailand) Ltd.

Address : Amata City Chonburi Industrial Estate Phase 7, No. 700/669 Moo 1, T.Phanthong, A.Phanthong, Chonburi 20160, TAYLAND Phone :+66 38 447 349 Fax :+66 38 447 355



HIDROMEK® Together Stronger

www.hidromek.com

f hidromek.tr 🗙 Hidromek 💿 hidromekofficial 🗈 HidromekTv in company/hidromek

