

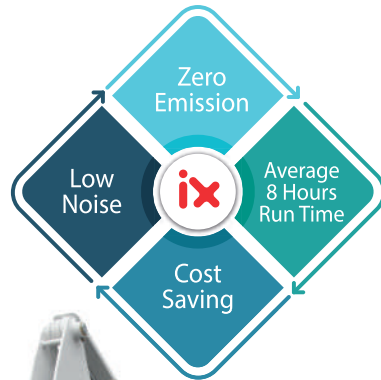
FULLY ELECTRIC MINI EXCAVATOR



MODEL_ix17e



Delivering Engineering Solution Beyond Your Expectation



Lithium-ion
Battery

Remote
Controller

Powerful
Torque
& HP

Maintenance
Free Electric
Motor

Complete
Safety

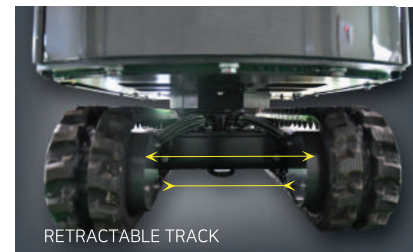
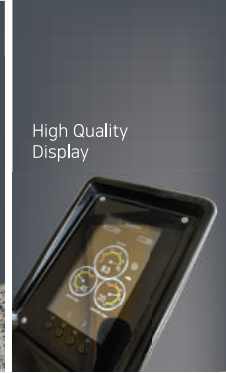
Household
Power
Connection

Performance
Innovation

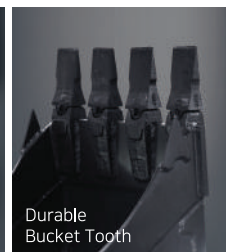
Radio Control



High Quality
Display



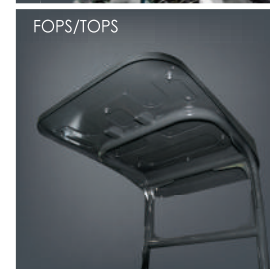
RETRACTABLE TRACK



Durable
Bucket Tooth



Cylinder Guard



FOPS/TOPS



Additional
Hydraulic Line



High-strength Dozer Blade

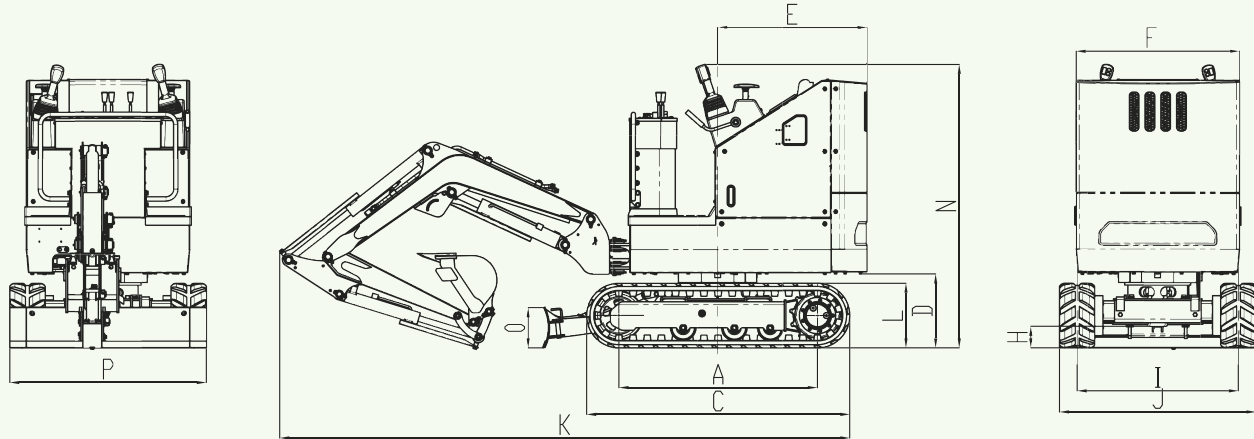


Easy Charging
System



Ergonomic
Controller

Static Dimensions ix10e



STATIC DIMENSIONS

A	Sprocket idler centres	mm	1010
B	Track length on ground	mm	1125
C	Undercarriage overall length – rubber	mm	1340
	Undercarriage overall length – steel	mm	Na
D	Counter weight clearance	mm	390
E	Tailswing radius	mm	760
F	Overall width of superstructure	mm	-
G	Height over canopy	mm	1443
H	Ground clearance	mm	110
I	Track gauge – retracted/extended	mm	640/820
J	Width over tracks / rubber	mm	820/1000
K	Transport length	mm	2901
L	Track height	mm	329
M	Counterweight clearance	mm	377

POWER SOURCE

Battery Type	Lithium-ion
Main battery capacity / voltage	13kW / 350V
Auxiliary battery voltage	12V
Zero Emissions at point of use	

CHARGING

220V Single Phase 7kWh	
Standard Charging 0 ~ 80%	2h

MOTOR

Motor Type	PM Motor
Motor Power	6.8kW 65Nm / 9.25ps@1000RPM / 6.63kg.m@1000RPM
Operating Modes	Normal : 1400RPM
	Power : 1700RPM

UNDERCARRIAGE

	Retracted / Extended	
No. of bottom rollers		3
Track width rubber	mm	180
Travel speed – low	kph	2.1
Travel speed – high	kph	4.2
Tractive effort	kN	8.02

OPERATOR ENVIRONMENT

Canopy height	mm
Canopy length	mm
Canopy width	mm

HYDRAULIC SYSTEM

Pump	cc/rev	8cc x 2
Nominal output @ max rpm	lpm	24.4 @1700 rpm
Excavator/track main relief pressure	bar	200
Attachment Hydraulic (Aux)	bar	150/200
Attachment Flow (Aux)	lpm	24.4
Pump Type		Gear
Hydraulic Tank Capacity	ltr	10.4

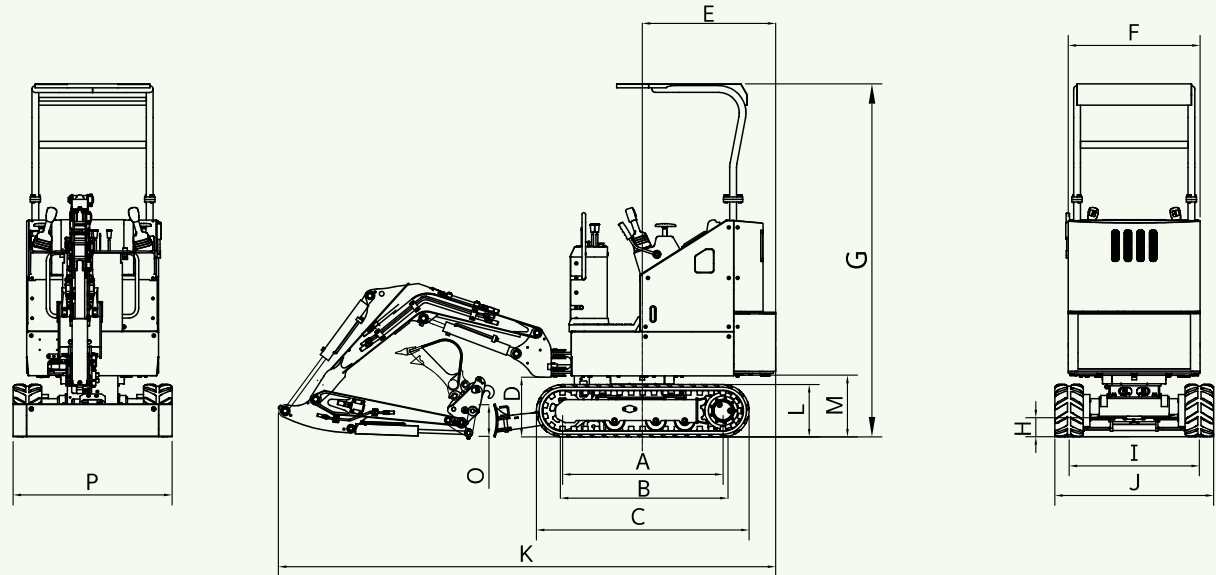
WEIGHTS

Operating weight	kg	1071
Long dozer	kg	37.89
Gross Weight	kg	996
Ground Pressure	kg/cm ²	0.27
Operation Weight (Incl. Operator - 75kg)	kg	996

DOZER

Max. height above ground	mm	228
Dig depth below ground	mm	198
Approach angle	degees	29
Width (without wings)	mm	830
Width (with wings)	mm	1000
Height	mm	205

Static Dimensions ix12e



STATIC DIMENSIONS

A	Sprocket idler centres	mm	1010
B	Track length on ground	mm	1125
C	Undercarriage overall length – rubber	mm	1340
	Undercarriage overall length – steel	mm	X
D	Counter weight clearance	mm	390
E	Tailswing radius	mm	840
F	Overall width of superstructure	mm	830~1000
G	Height over canopy	mm	2250
H	Ground clearance	mm	120
I	Track gauge – retracted/extended	mm	650 / 820
J	Width over tracks / rubber	mm	830 / 1000
K	Transport length	mm	3130
L	Track height	mm	330
M	Counterweight clearance	mm	390

POWER SOURCE

Battery Type	Lithium-ion
Main battery capacity / voltage	20kW / 350V
Auxiliary battery voltage	12V
Zero Emissions at point of use	

CHARGING

220V Single Phase 7kWh	
Standard Charging 0 ~ 80%	2h 30m

MOTOR

Motor Type	PM Motor
Motor Power	6.8kw 65Nm
Operating Modes	Normal: 1400RPM
	Power: 1700RPM

UNDERCARRIAGE

	Retracted / Extended	
No. of bottom rollers		3
Track width rubber	mm	180
Travel speed – low	kph	2
Travel speed – high	kph	4.2
Tractive effort	kN	11.038

OPERATOR ENVIRONMENT

Canopy height	mm	1075
Canopy length	mm	1000
Canopy width	mm	815

HYDRAULIC SYSTEM

Pump	cc/rev	8cc x 2
Nominal output @ max rpm	lpm	24.4 @1700 rpm
Excavator/track main relief pressure	bar	200
Attachment Hydraulic (Aux)	bar	150/200
Attachment Flow (Aux)	lpm	24.4
Pump Type		Gear
Hydraulic Tank Capacity	ltr	10.4

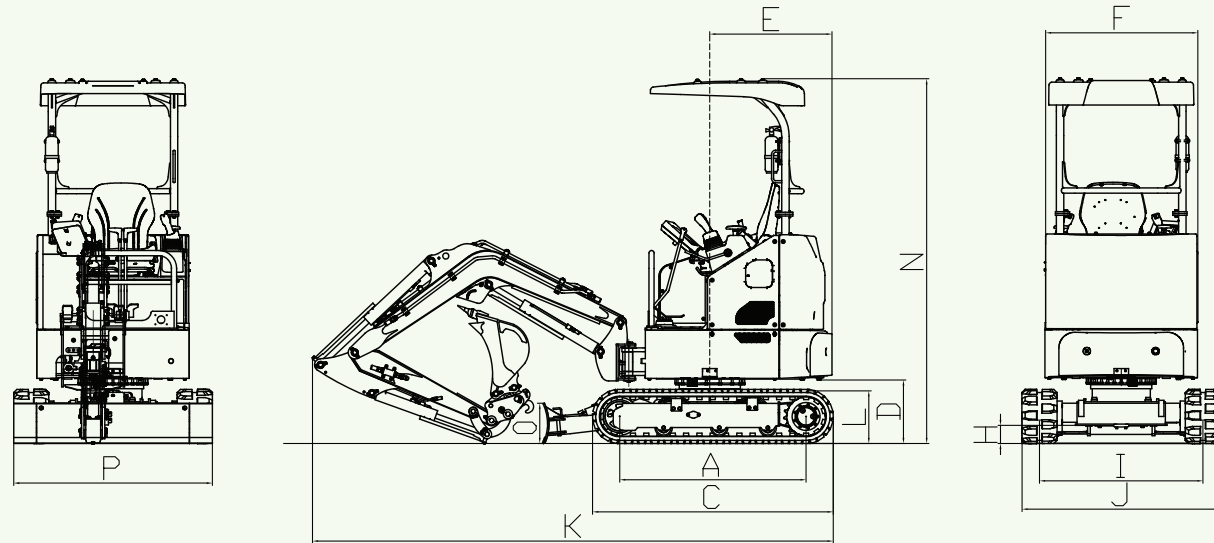
WEIGHTS

Operating weight	kg	1440
Long dozer	kg	39.31
Gross Weight	kg	1375
Ground pressure of Bearing(Rubber track)	kg/cm ²	0.36
Transport weight(operator 75kgs)	kg	1450

DOZER

Max. height above ground	mm	255
Dig depth below ground	mm	215
Approach angle	degees	44
Width (without wings)	mm	830
Width (with wings)	mm	1000
Height	mm	200

Static Dimensions ix17e



STATIC DIMENSIONS

A	Sprocket idler centres	mm	1220
B	Track length on ground	mm	1345
C	Undercarriage overall length – rubber	mm	1575
	Undercarriage overall length – steel	mm	Na
D	Counter weight clearance	mm	440
E	Tailswing radius	mm	800
F	Overall width of superstructure	mm	1000
G	Height over canopy	mm	2385
H	Ground clearance	mm	120
I	Track gauge – retracted/extended	mm	770/1070
J	Width over tracks / rubber	mm	1000/1300
K	Transport length	mm	3410
L	Track height	mm	345
M	Counterweight clearance	mm	415

POWER SOURCE

Battery Type	Lithium-ion
Main battery capacity / voltage	30kW / 350V
Auxiliary battery voltage	12V
Zero Emissions at point of use	

CHARGING

220V Single Phase 7kWh	
Standard Charging 0 ~ 80%	3h 30m
380v 3 Phase High Speed Charging 15kWh	
High Speed Charging 0 ~ 80%	2h

MOTOR

Motor Type	PM Motor
Motor Power	27kW 152Nm / 36.7ps@1700RPM / 15.5kg.m@1700RPM
Operating Modes	Normal : 1200RPM
	Power : 1500RPM

UNDERCARRIAGE

		Retracted / Extended
No. of bottom rollers		3
Track width rubber	mm	230
Travel speed – low	kph	2
Travel speed – high	kph	4
Tractive effort	kN	17.34

OPERATOR ENVIRONMENT

Canopy height	mm	1288.2
Canopy length	mm	1007.2
Canopy width	mm	948

HYDRAULIC SYSTEM

Pump	cc/rev	34
Nominal output @ max rpm	lpm	45 @1500rpm
Excavator/track main relief pressure	bar	210
Attachment Hydraulic (Aux)	bar	150/210
Attachment Flow (Aux)	lpm	40
Pump Type		Variable Piston
Hydraulic Tank Capacity	litr	15

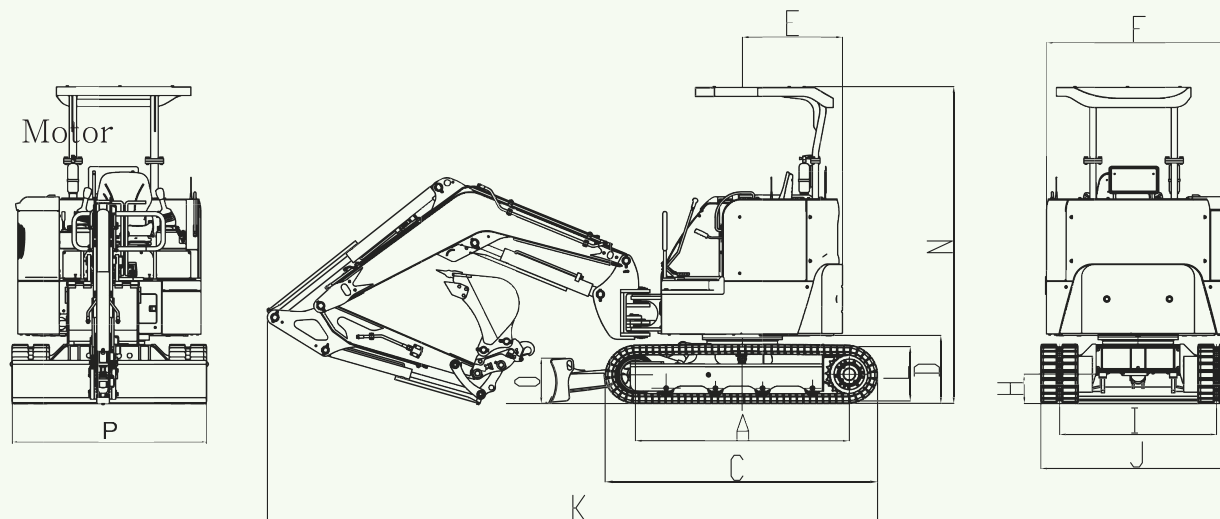
WEIGHTS

Operating weight	kg	2045
Long dozer	kg	73.75
Gross Weight	kg	1960
Ground Pressure	kg/cm²	0.33
Operation Weight (Incl. Operator - 75kg)	kg	1980

DOZER

Max. height above ground	mm	228
Dig depth below ground	mm	210
Approach angle	degees	34
Width (without wings)	mm	1000
Width (with wings)	mm	1300
Height	mm	265

Static Dimensions ix35e



STATIC DIMENSIONS

A	Sprocket idler centres	mm	1710
B	Track length on ground	mm	1875
C	Undercarriage overall length – rubber	mm	2180
	Undercarriage overall length – steel	mm	Na
D	Counter weight clearance	mm	545
E	Tailswing radius	mm	800
F	Overall width of superstructure	mm	1465(1463.2)
G	Height over canopy	mm	2540
H	Ground clearance	mm	220
I	Track gauge – retracted/extended	mm	1255
J	Width over tracks / rubber	mm	1555
K	Transport length	mm	4880
L	Track height	mm	435
M	Counterweight clearance	mm	545

POWER SOURCE

Battery Type	Lithium-ion
Main battery capacity / voltage	40kW / 350V
Auxiliary battery voltage	48V
Zero Emissions at point of use	

CHARGING

220V Single Phase 7kWh	
Standard Charging 0 ~ 80%	6h
380v 3 Phase High Speed Charging 15kWh	
High Speed Charging 0 ~ 80%	3h

Motor

Motor Type	PM Motor
Motor Power	27kW 152Nm / 36.7ps@1700RPM / 15.5kg.m@1700RPM
Driving / Turning Motor Type	PM Motor
Motor Power	6.8kW 65Nm / 4.2kW 40Nm
	9.25ps@1000RPM / 5.71ps@1000RPM 6.63kg.m@1000RPM / 4.08kg.m@1000RPM
Operating Modes	Normal : 1200RPM Power : 1500RPM

UNDERCARRIAGE

	Retracted / Extended	
No. of bottom rollers		4
Track width rubber	mm	300
Travel speed – low	kph	2.25
Travel speed – high	kph	4.4
Tractive effort	kN	26.12

OPERATOR ENVIRONMENT

Canopy height	mm	996
Canopy length	mm	1101
Canopy width	mm	1075

HYDRAULIC SYSTEM

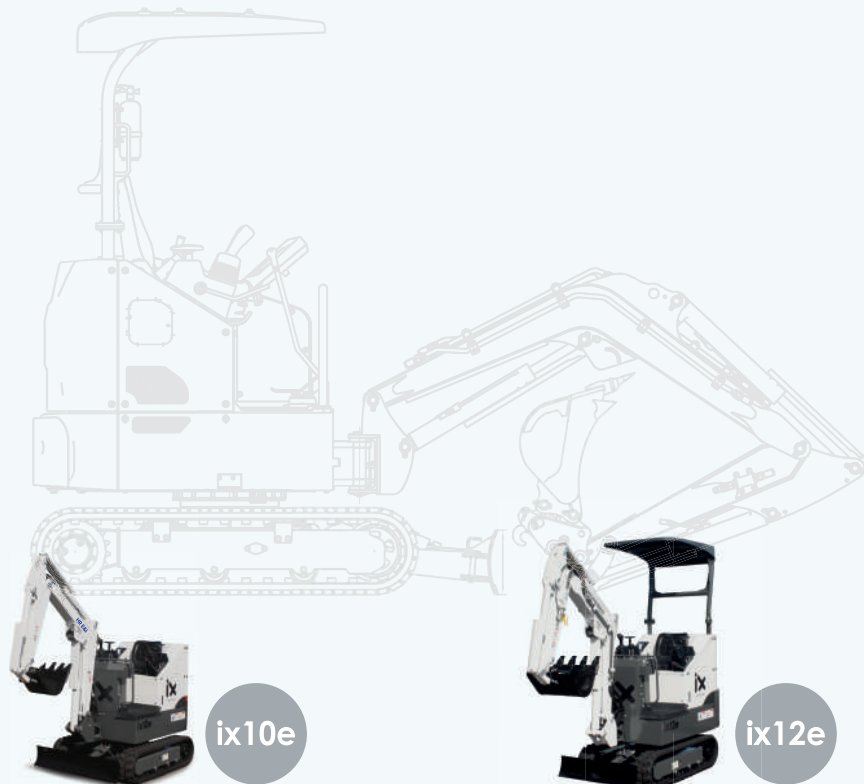
Pump	cc/rev	53
Nominal output @ max rpm	lpm	74 @1500 rpm
Excavator/track main relief pressure	bar	210
Attachment Hydraulic (Aux)	bar	150/210
Attachment Flow (Aux)	lpm	40
Pump Type	Variable Piston	
Hydraulic Tank Capacity	litr	32

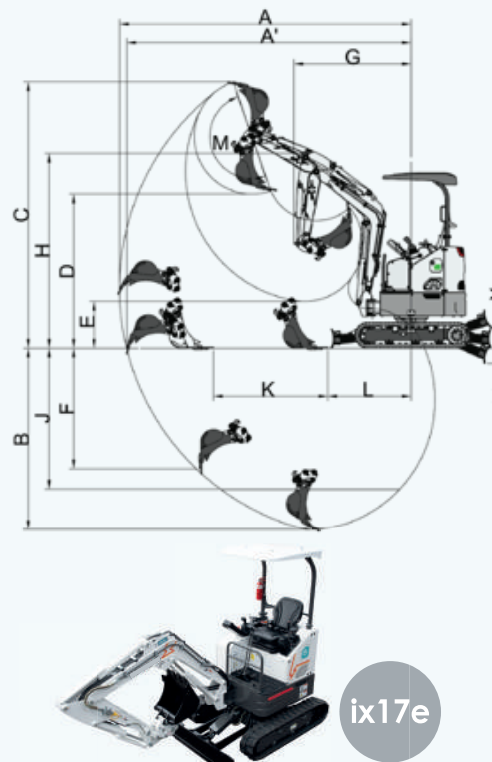
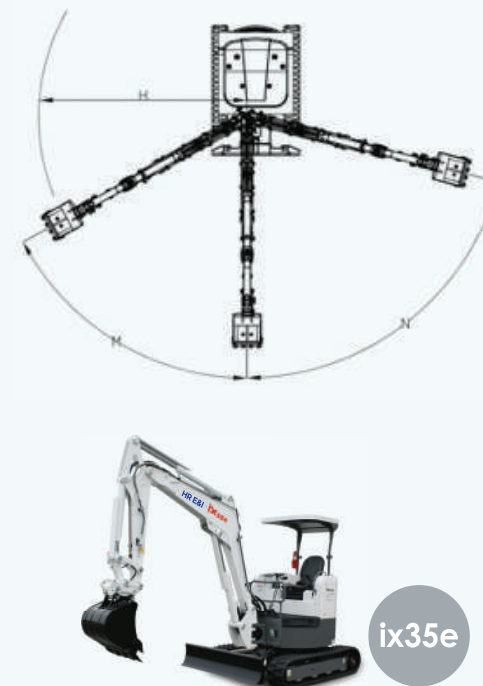
WEIGHTS

Operating weight	kg	4015
Long dozer	kg	154
Gross Weight	kg	3950
Ground Pressure	kg/cm ²	0.36
Operation Weight (Incl. Operator - 75kg)	kg	3950

DOZER

Max. height above ground	mm	464
Dig depth below ground	mm	374
Approach angle	degees	35
Width (without wings)	mm	1510
Width (with wings)	mm	1510
Height	mm	360


ix10e

ix12e

ix17e

ix35e

SECTION	Working Ranges	UNIT	Dimension
A	Max. Dig. Reach	mm	3205
A'	Max. Reach At Ground Level	mm	3120
B	Max. Dig. Depth	mm	1550
C	Max. Dig. Height	mm	2955
D	Max. Dump Height	mm	2060
E	Min. Dump Height	mm	695
F	Max. Vertical wall Dig. Depth	mm	1375
G	Min. Front Swing Radius	mm	1380
H	Min. Front Swing Height	mm	2170
J	8ft Dig. Depth	mm	725
K	Flatting Stroke	mm	1360
L	Min. Flatting Reach	mm	1090
M	Bucket Working Range	degrees	168
N	Boom swing left	degrees	60
O	Boom swing right	degrees	60

SECTION	Working Ranges	UNIT	Dimension
A	Max. Dig. Reach	mm	3400
A'	Max. Reach at Ground Level	mm	3320
B	Max. Dig. Depth	mm	1745
C	Max. Dig Height	mm	3755
D	Max. Dump Height	mm	1870
E	Min. Dump Height	mm	500
F	Max. Vertical Wall Dig. Depth	mm	1360
G	Min. Front Swing Radius	mm	1380
H	Min. Front Swing Height	mm	2170
J	8ft Dig. Depth	mm	1050
K	Flatting Stroke	mm	1320
L	Min. Flattring Reach	mm	1125
M	Bucket Working Range	degrees	174
N	Boom Swing Left	degrees	60
O	Boom Swing Right	degrees	60

SECTION	Working Ranges	UNIT	Dimension
A	Max. Dig. Reach	mm	3985
A'	Max. Reach At Ground Level	mm	3885
B	Max. Dig. Depth	mm	2480
C	Max. Dig. Height	mm	3630
D	Max. Dump Height	mm	2040
E	Min. Dump Height	mm	635
F	Max. Vertical wall Dig. Depth	mm	1645
G	Min. Front Swing Radius	mm	1600
H	Min. Front Swing Height	mm	2655
J	8ft Dig. Depth	mm	1925
K	Flatting Stroke	mm	1560
L	Min. Flatting Reach	mm	1135
M	Bucket Working Range	degrees	181
N	Boom swing left	degrees	76
O	Boom swing right	degrees	60

SECTION	Working Ranges	UNIT	Dimension
A	Max. Dig. Reach	mm	5595
A'	Max. Reach At Ground Level	mm	5455
B	Max. Dig. Depth	mm	2965
C	Max. Dig. Height	mm	5380
D	Max. Dump Height	mm	3605
E	Min. Dump Height	mm	1230
F	Max. Vertical wall Dig. Depth	mm	2355
G	Min. Front Swing Radius	mm	2285
H	Min. Front Swing Height	mm	3860
J	8ft Dig. Depth	mm	2580
K	Flatting Stroke	mm	2320
L	Min. Flatting Reach	mm	1960
M	Bucket Working Range	degrees	176
N	Boom swing left	degrees	80
O	Boom swing right	degrees	60

HR E&I ELECTRIC LINE-UP

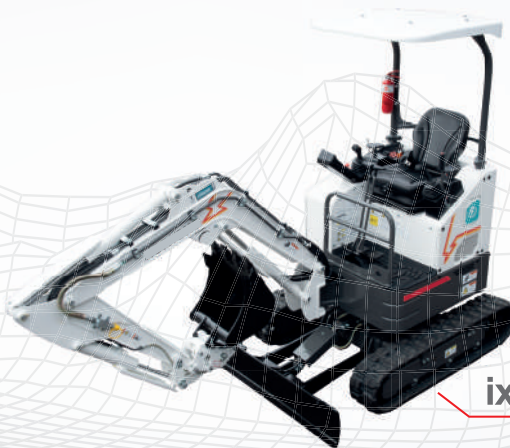
FULLY ELECTRIC MINI EXCAVATOR



ix10e



ix12e



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ix35e



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