



International Construction Equipment
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ICE MODEL EX-12 EXCAVATOR-MOUNTED HYDRAULIC ROTARY HEAD



Mounts on most hydraulic excavators and uses excavator bucket circuit or operates using an ICE® power unit.

Maximum efficiency and reliability ensured by our high-pressure hydraulic motor for maximum drilling production and profitability.

Simple single-motor and open-frame design for maximum reliability and easy service and maintenance.

High crowd and extraction forces to maximize drilling production.

Available Hex or API auger flighting connectors.

Optional side-inlet swivel for injecting air, water or grout.

Optional guides for pile leads or H-Beam.

ICE® power unit may be used for other ICE® equipment including vibrators and hydraulic impact hammers.

Made in USA by ICE®, America's leader in cost-effective foundation equipment since 1974.



INTERNATIONAL CONSTRUCTION EQUIPMENT, INC.

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ICE MODEL EX-12

EXCAVATOR-MOUNTED HYDRAULIC ROTARY HEAD

WITH ICE® MODEL 230M POWER UNIT OR CAT 325C & 330C EXCAVATORS



Performance

	With CAT 325C		With CAT 330C		With ICE® 230M		Maximums	
Torque (ft-lbs, Nm)	9,980 ft-lbs	13 530 Nm	9,980 ft-lbs	13 530 Nm	10,535 ft-lbs	14 280 Nm	15,280 ft-lbs	20 700 Nm
Speed (rpm)	39-64 rpm		44-72 rpm		73-92 rpm		115 rpm	
Maximum Power							121 HP	90 kW

Note: Maximum torque requires a power unit capable of 6,527 psi (450 bar).
 Maximum speed requires a power unit capable of 91 gpm (345 lpm).
 Maximum power means cannot run at both max torque and max speed.

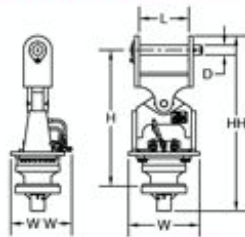
Capabilities

Crowd force	25,000 lbs	11340 kg
Extraction force	18,000 lbs	8165 kg
Optional swivel ID	3 in	75 mm

ICE® 230M Power Unit

CAT engine	C6.6 Tier 3	
Power	225 HP	168 kW
Flow (no load)	73 gpm	275 lpm
Max. pressure	4,500 psi	310 bar
Weight	9,310 lbs	4225 kg
Length	110 in	2800 mm
Height	77 in	1960 mm
Width	58 in	1475 mm

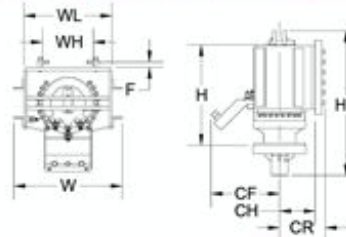
Excavator mounting



Weight including yoke	1,350 lbs	612 kg
Height to pin (H)	48 in	1220 mm
Overall height (HH)	62 in	1570 mm
Width side-to-side(W)	25 in	640 mm
Width front-to-back (WW)	22 in	555 mm
Width inside yoke (L)	17.5 in	444 mm
Pin diameter (D)	3.5 in	90 mm

Constant improvement and engineering progress make it necessary that ICE®, Inc reserve the right to make specification changes without notice. Please consult ICE® for the latest available information.

Leads or H-Beam mounting



Weight including guides	1,350 lbs	612 kg
Height to pin (H)	30 in	755 mm
Overall height (HH)	43 in	1085 mm
Overall width (W)	32 in	815 mm
Width for leads (WL)	26 in	660 mm
Width for H-beams (WH)	15 in	380 mm
Flange space (F)	1.5 in	38 mm
Depth center-to-front (CF)	21 in	515 mm
Depth center-to-rear (CR)	14 in	345 mm
Depth center to H-Beam (CH)	10.5 in	270 mm

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"Due to improvements to ICE manufactured products and the EPA mandated Tier III emission regulations, unit specifications are subject to change without notice. Please contact ICE engineering department to confirm possible changes."