



DCRL130

DOWN-THE-HOLE-DRILL

The DCRL130 has established itself as a reliable, productive resource for drilling operations around the world. These drills have been proven in soft, medium and hard rock conditions with multiple end-users and applications providing deep holes from 3.5" to 6.5" at fast drilling rates with low maintenance requirements.

Servicing the DCRL130 is easy with access to all key components such as the engine, fluid levels and compressor through large panel doors located at ground level for maintenance when needed.

The cabs have been redesigned to provide operators maximum comfort with single-lever drilling controls, digital gauges, and superior views of drilling operation.

MAXIMIZE OPERATOR PERFORMANCE WITH THE ULTIMATE IN ERGONOMIC CAB DESIGN

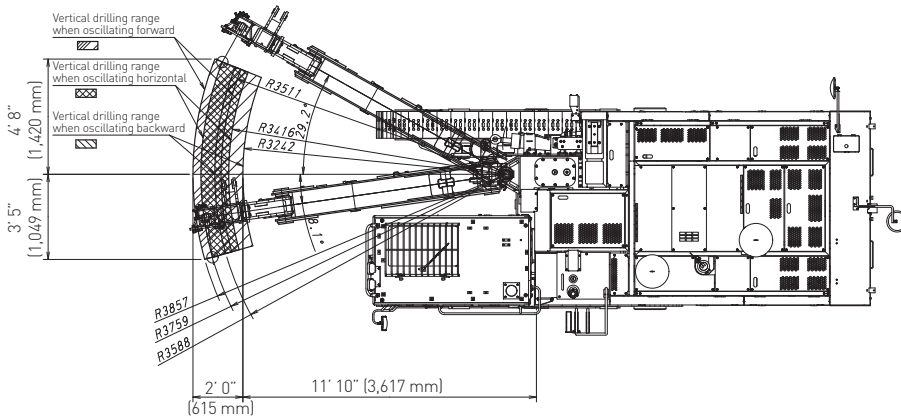
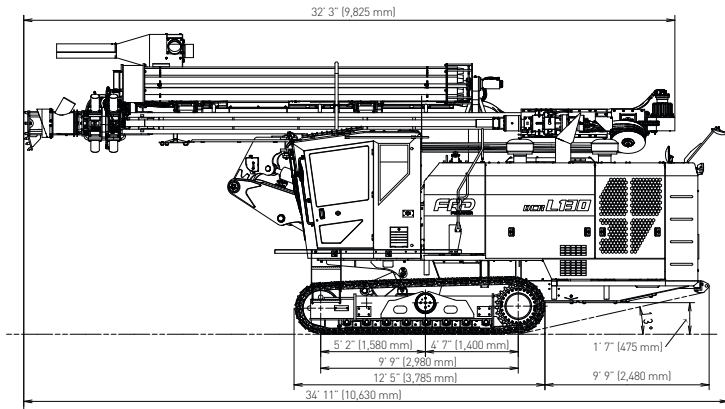
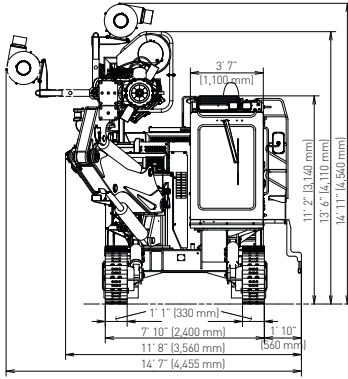
When it comes to ergonomically-friendly cabs, Furukawa offers various options to minimize operator fatigue. Cabs are 43" wide (W1,100 mm) with ROPS/FOPS. In addition, all cabs are air-conditioned and continuously pressurized with filtered air to maintain a comfortable operating environment.

COMBINING PERFORMANCE AND ECONOMY.

- › Angle indicator for quick and easy drilling alignment.
- › Drill hole diameter 3.5" - 6.5".
- › Reliable dust control system increases suction capacity and provides effective pre-cleaning to reduce the escape of drilling dust. An optional dust suppression system is available for difficult drilling conditions.
- › Advanced rotary pipe changer allows easy drill pipe changes.
- › High-output compressor increases flushing air, provides faster drilling and decreases bit wear.
- › Low-emission, Tier IV Caterpillar® engine offers low fuel consumption at 456hp and meets US Tier IV exhaust emissions regulations.
- › Hoses and wiring are placed in a compact and efficient routing design for more protection, less wear and easy replacement.
- › Drill pipe changer equipped with electronic sensors that speeds up pipe addition and extraction.
- › Heavy-duty undercarriage with low center of gravity – featuring a pentagonal section design to reduce dirt build-up and track wear – ensures strength, durability and stability.

Other Features include:

- › Single-lever drilling control for easy operation
- › Finger-touch levers for smooth traming control
- › Large windows maximize operator visibility
- › All-in-One display allows operator to monitor machine functions for quick and easy drilling alignment while remaining focused on the drilling
- › Walk-around ground level maintenance provides fast, easy upkeep or repair
- › Rubber-mounted engine frame isolates cab from engine vibrations
- › Bluetooth Player/Sirius XM Radio is standard



- Note:
- *1 "Overall Weight (A)" includes weights of fuel and oils (full).
 - *2 "Overall Weight (B)" includes weight of "Overall Weight (A)", operator, rod and bit.
 - *3 "Shipping Height (A)" includes dimensions with disassembling guide rest.
 - *4 "Shipping Height (B)" includes dimensions with disassembling guide rest and rear magazine plate.
 - *5 "Ground Contact Pressure" is calculated based on "Overall Weight (A)".

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DCR L130-F5	US Standard		Metric	
Dimensions and Weight				
Operating Weight(A)	52,029	lb	23,600	Kg
Overall Weight (B)	54,675	lb	24,800	Kg
Overall Length	34	ft 11	10,630	mm
(Shipping)	36	ft 6	11,125	mm
Overall Width	14	ft 7	4,455	mm
(Shipping)	8	ft 10	2,700	mm
Overall Height	14	ft 11	4,540	mm
(Shipping)	11	ft 6	3,500	mm
Undercarriage				
Track Length	12	ft 5	3,785	mm
Track Length on ground	9	ft 9	2,980	mm
Track Width	1	ft 1	330	mm
Ground Pressure	17.1	psi	118	kPa
Ground Clearance	1	ft 7	475	mm
Frame oscillation angle	± 7.5	°	± 7.5	°
Tramming Speed	0 ~ 2.2	mph	0 ~ 3.5	km/h
Gradeability	46.6	%	25	(°)
Maximum Traction Force	35,969	lb-force	160	kN
Drill Motor				
Type	DOWMAX/ME350		DOWMAX/ME350	
Reduction Ratio	1 : 3.071		1 : 3.071	
Maximum Torque	3,098	ft-lb	4.2	kN-m
Maximum Speed of Rotation	120	rpm	120	min ⁻¹
Bit Range	3.5 ~ 6.5	in	89 ~ 165	mm
Engine				
Model	C13B (Stage V, Tier 4 Final)		C13B (Stage V, Tier 4 Final)	
Type	Diesel, Water-cooled, 6 cylinders		Diesel, Water-cooled, 6 cylinders	
Maker	CATERPILLAR		CATERPILLAR	
Piston Displacement	3.3	gal	12.5	L
Power Output	456 hp / 2,000 rpm		340 kW / 2,000 min ⁻¹	
Fuel Capacity	192.8	gal	730	L
DEF Capacity	18.5	gal	70	L
Hydraulic Equipment				
Variable Displacement PV Pump	PV Pump x2		PV Pump x2	
Fixed Displacement Pump	Gear Pump x3		Gear Pump x3	
Hydraulic Oil reservoir Capacity	74.0	gal	280	L
Compressor				
Model	PDSK900-S20		PDSK900-S20	
Type	2 Stage screw compressor		2 Stage screw compressor	
Maker	AIRMAN		AIRMAN	
Free Air Delivery 1	953 cfm / 2,000 rpm		27.0 m ³ / 2,000 min ⁻¹	
Free Air Delivery 2	858 cfm / 1,800 rpm		24.3 m ³ / 1,800 min ⁻¹	
Discharge Pressure 1 (When 2,000 rpm/min ⁻¹)	334	psi	2.3	MPa
Discharge Pressure 2 (When 1,800 rpm/min ⁻¹)	363	psi	2.5	MPa
Boom				
Model	JF325		JF325	
Type	Fix Boom		Fix Boom	
Boom Lift Angle (Up / Down)	50.5° / 13.9°		50.5° / 13.9°	
Boom Swing Angle (Right / Left)	30° / 8°		30° / 8°	
Guide Shell				
Model	GH834		GH834	
Length	32	ft 6	9,910	mm
Feed Length	18	ft 8	5,694	mm
Feed Type	Hydraulic motor driven chain		Hydraulic motor driven chain	
Guide Slide Length	4	ft 11	1,500	mm
Guide Swing Angle (Right / Left)	16° / 90°		16° / 90°	
Guide Tilt Angle	120	°	120	°
Maximum Rod Pull-Out Force	6,744	lb-force	30	kN
Dust Collector				
Model	A885		A885	
Suction Capacity	2,649	cfm	75	m ³ /min
Number of Filter Element	12		12	
Type of Dust Ejection	Automatic air pulse jet		Automatic air pulse jet	
Rod Changer				
Model	GR803		GR803	
Number of Rod Storage	8	pcs	8	pcs
Rod Length	16	ft 5	5,000	mm
Rod Diameter (in / φmm)	3.0 3.5 4.0	in	76 89 102	mm
Electrics				
Battery	12V x 2; 176Ah/5h		12V x 2; 176Ah/5h	
Light	24V; 70W x 4		24V; 70W x 4	
Voltage	DC24V		DC24V	
Operating Environment				
Working Temperature	5	~ 113	°F	-15 ~ 45
Maximum Altitude	Max.	6,562	ft	Max. 2,000

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CORPORATE HEADQUARTERS
 711 Lake Street, Kent, OH 44240
 Ph: 330-673-5826
 Fax: 330-677-1616
 Toll Free: 1-800-527-2282

www.frdusa.com



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