

# 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.

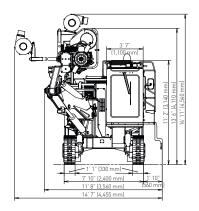
- ➤ Angle indicator for quick and easy drilling alignment.
- > Drill hole diameter 3.5" 6.5".
- ➤ Reliable dust control system increases suction capacity and provides effective precleaning to reduce the escape of drilling dust. An optional dust suppression system is available for difficult drilling conditions.
- **>** 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.

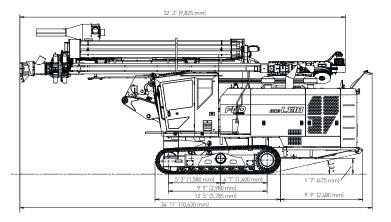
### **Other Features include:**

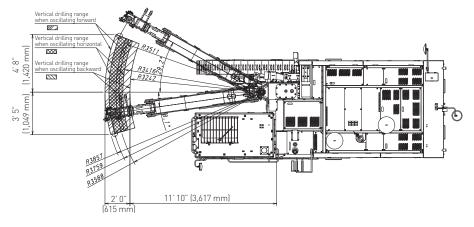
- Single-lever drilling control for easy operation
- > Finger-touch levers for smooth traming control
- > Large windows maximize operator visibility
- All-in-One display allows operator to monitor machine functions for quick and easy drilling alignment while remaining focused on the drilling
- > Walk-around 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



Down-the-Hole-Drill DCRL130







- 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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Furukawa's policy is one of continual improvement. Specifications may change between printing.

DCR L130-F5	US Standard 52,029 Ib				M etric			
Dimensions and Weight					23,600 Kg			
Operating Weight(A) Overall Weight (B)	_	54,675		lb		24,800		Kg Kg
Overall Length	34	ft	11	in		10,630		mm
(Shipping)	36	ft	6	in		11,125		mm
Overall Width	14	ft	7	in		4,455		mm
(Shipping)	8	ft	10	in		2,700		mm
Overall Height	14	ft	11	in	4,540		mm	
(Shipping)	11	ft	6	in		3,500		mm
Undercarridge								
Track Length	12	ft	5	in		3,785		mm
Track Length on ground	9	ft	9	in		2,980		mm
Track Width	1	ft	1	in	330		mm	
Ground Pressure		17.1 psi 1 ft 7 in		118		kPa		
Ground Clearance	1		7	in		475		mm
Frame oscillation angle	_	± 7.5				± 7.5	0.5	
Tramming Speed	0	~	2.2	mph	0	~	3.5	km/h
Gradeability Maximum Traction Force	46.6	%	25	[°]	46.6	%	25	[°]
	_	35,969		Ib-force		160		kN
Drill Motor		D 0111111				D.O.L.	/	^
Type	_	DOWMA:					AX/ME35	U
Reduction Ratio	_	1:3.071			1:3.071			LAI -
Maximum Torque	-	3,098 ft-lb						kN-n
Maximum Speed of Rotation	0.5	120	4 -	rpm	00	120	1/5	min'
Bit Range	3.5	~	6.5	in	89	~	165	mm
Engine Model	~-	2D (C+	V Tier C	in all	^	2D (C+	V T: '	Eine <sup>()</sup>
Model Type		3B (Stage					V, Tier 4	
lype Maker	Diesel,	Diesel, Water-cooled, 6 cylinders			Diesel, Water-cooled, 6 cylinder			
Maker Piston Displacement	-	CATERPILLAR 3.3 qal			CATERPILLAR 12.5 L			
	-		/ 2 000	gal			/ 2,000 m	
Power Output Fuel Capacity	-	456 np	/ 2,000 rp	m gal		730	/ 2,000 m	In L
DEF Capacity	_	18.5		gal		70		L
Hydraulic Equipment	_	10.5		yat		70		
Variable Displacemant PV Pump		DV D	u2		1	DV D	luman u?	
Fixed Displacement Pump	PV Pump x2 Gear Pump x 3			PV Pump x2 Gear Pump x 3				
Hydraulic Oil reservoir Capacity		74.0	iiih x 2	gal		280	ruiiip x 3	L
Compressor	_	74.0		gat		200		
Model		PDSK9	nn=S2n		1	DUCK	900-S20	
LVDP	2 St	age screv		ssor	2.5			essor
	2 S	tage screv	v compre	ssor	2 S	tage scre	ew compr	essor
Maker	2 SI	AIR	v compre VAN		2 S	tage scre	ew compr	
Type Maker Free Air Delivery 1 Free Air Delivery 2	2 SI	953 cfm	v compre IAN / 2,000 rp	m	2 S	tage scre AIF 27.0 m <sup>3</sup>	ew compr RMAN 1/2,000 m	in -1
Maker Free Air Delivery 1 Free Air Delivery 2	2 SI	953 cfm . 858 cfm	v compre VAN	m m	2 S	AIF 27.0 m <sup>3</sup> 24.3 m <sup>3</sup>	ew compr	in -1
Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 (When 2,000 rpm/min -1)	2 SI	953 cfm 858 cfm 334	v compre IAN / 2,000 rp	m m psi	2 S	27.0 m <sup>3</sup> 24.3 m <sup>3</sup> 2.3	ew compr RMAN 1/2,000 m	nin -1
Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 (When 2,000 rpm/min '1) Discharge Pressure 2 (When 1,800 rpm/min '1)	2 SI	953 cfm . 858 cfm	v compre IAN / 2,000 rp	m m	2 S	AIF 27.0 m <sup>3</sup> 24.3 m <sup>3</sup>	ew compr RMAN 1/2,000 m	nin -1
Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 (When 2,000 rpm/min - 1) Discharge Pressure 2 (When 1,800 rpm/min - 1) Boom	2 SI	953 cfm , 858 cfm , 334 , 363	v compre 4AN / 2,000 rp / 1,800 rp	m m psi	2 S	27.0 m <sup>3</sup> 24.3 m <sup>3</sup> 2.3 2.5	ew compr RMAN 1/2,000 m 3/1,800 m	nin -1
Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 (When 2,000 rpm/min - 1) Discharge Pressure 2 (When 1,800 rpm/min - 1) Boom Model	2 SI	953 cfm 953 cfm 858 cfm 334 363	v compre V 2,000 rp V 1,800 rp	m m psi	2 S	27.0 m <sup>3</sup> 24.3 m <sup>3</sup> 2.3 2.5	ew compression of the compressio	nin -1
Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 (When 2,000 rpm/min -1) Discharge Pressure 2 (When 1,800 rpm/min -1) BOOM Model Type	2 SI	953 cfm, 953 cfm, 858 cfm 334 363 JF3	v compre MAN / 2,000 rp / 1,800 rp	m m psi	2 S	AIF 27.0 m <sup>3</sup> 24.3 m <sup>2</sup> 2.3 2.5	ew compression of the compressio	nin -1
Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 (When 2,000 rpm/min - 1) Discharge Pressure 2 (When 1,800 rpm/min - 1) Boom Model Type Boom Lift Angle (Up / Down)	2 SI	953 cfm , 858 cfm , 334 , 363	v compre 4AN / 2,000 rp / 1,800 rp 125 125 13.9°	m m psi	2 \$	AIF 27.0 m <sup>3</sup> 24.3 m <sup>3</sup> 2.3 2.5 JF Fix 50.5°	ew compression of the compressio	nin -1
Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 [When 2,000 rpm/min - 1] Discharge Pressure 2 [When 1,800 rpm/min - 1] Boom Model Type Boom Lift Angle (Up / Down) Boom Swing Angle (Right / Left)	2 SI	953 cfm, 953 cfm, 858 cfm 334 363 JF3	v compre 4AN / 2,000 rp / 1,800 rp 125 125 13.9°	m m psi	2 \$	AIF 27.0 m <sup>3</sup> 24.3 m <sup>3</sup> 2.3 2.5 JF Fix 50.5°	ew compression of the compressio	nin -1
Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 (When 2,000 rpm/min - 1) Discharge Pressure 2 (When 1,800 rpm/min - 3) BOOM Model Type Boom Lit Angle (Up / Down) Boom Swing Angle (Right / Left) Guide Shell	2 SI	953 cfm, 953 cfm, 858 cfm 334 363 JF3 Fix E 50.5° /	v compre 4AN / 2,000 rp / 1,800 rp 125 125 13.9°	m m psi	2 S	AIF 27.0 m <sup>3</sup> 24.3 m <sup>3</sup> 2.3 2.5 JF Fix 50.5°	ew compression of the compressio	nin -1
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Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 (When 2,000 rpm/min - 1) Discharge Pressure 2 (When 1,800 rpm/min - 1) Boom Model Type Boom Lift Angle (Up / Down) Boom Swing Angle (Right / Left) Guide Shelt Model Length	32	AIRt 953 cfm, 858 cfm 334 363  JF3 Fix E 50.5° / 30° / GH ft	v compres 14N 1/ 2,000 rp 1/ 1,800 rp 13.9° 18° 18° 18°	m psi psi in	2 S	Alf 27.0 m <sup>3</sup> 24.3 m <sup>3</sup> 2.3 2.5 JF Fix 50.5° 30° GI 9,910	ew compression of the compressio	mm
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Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 (When 2,000 rpm/min -1) Discharge Pressure 2 (When 1,800 rpm/min -1) Boom Model Type Boom Swing Angle (Right / Left) Guide Shelt Model Length Freed Length Freed Lype	32	AIRt 953 cfm, 858 cfm 334 363  JF3 Fix E 50.5° / GH ft ft aulic moto	v compres 14N 1/ 2,000 rp 1/ 1,800 rp 13.9° 8° 8° 834 6 8	m psi psi in in		Alf 27.0 m <sup>3</sup> 24.3 m <sup>2</sup> 2.3 2.5 JF ix 50.5° 30° GI 9,910 5,694 raulic mo	ew compression of the compressio	mm mn chain
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Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 [When 2,000 rpm/min - 1] Discharge Pressure 2 [When 1,800 rpm/min - 1] Boom Model Type Boom Swing Angle (Right / Left) Guide 5 shelt Model Length Freed Length Freed Length Freed Type Suide Side Length Guide 5 Side Length Guide 5 Side Length Guide 1 Side Side Length Maximum Rod Pull-Out Force	32 18 Hydr	AIRN 953 cfm 858 cfm 334 363  JF3 Fix E 50.5° / GH ft ft aulic mote 16°	v compres 4AN 7 2,000 rp 7 1,800 rp 13.9° 8° 834 6 8 8 or driven	m psi psi in in chain in		Alf 27.0 m <sup>3</sup> 24.3 m <sup>3</sup> 2.3 2.5 Jf Fix 50.5° 30° Gf 9,910 5,694 raulic mo 1,500 16° / 90	F325 Boom / 13.9° / 1884 H834	mm mr chain
Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 (When 2,000 rpm/min '1) Discharge Pressure 2 (When 1,800 rpm/min '1) Boom Model Type Boom Lift Angle (Up / Down) Boom Swing Angle (Right / Left) Guide Shell Model Length Feed Length Feed Length Suide Slide Length Suide Slide Length Suide Slide Length Suide Silf Angle (Right / Left) Suide Slide Angle (Right / Left)	32 18 Hydr	AIRN 953 cfm, 858 cfm 334 363  JF3 Fix E 50.5° / 30° /  GH ft ft autic mote ft 16° 120 6,744	v compre MAN / 2,000 rp / 1,800 rp 125 125 139° 8° 8° 8° 8° 8° 11 9°°	m psi psi in in chain in		AIR 27.0 m² 24.3 m² 24.3 m² 2.3 2.5 JF ix x 5.5° 30° Gi 9,910 1,509 1,509 1,509 1,200 30 30 30° 30° 30° 30° 30° 30° 30° 30°	ew compression of the compressio	mm mm chain
Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 (When 2,000 rpm/min - 1) Discharge Pressure 2 (When 1,800 rpm/min - 1) Discharge Pressure 2 (When 1,800 rpm/min - 1) Doom Model Type Boom Lift Angle (Up / Down) Boom Swing Angle (Right / Left) Guide Shett Model Length Freed Length Freed Length Freed Lype Suide Stilde Length Suide Swing Angle (Right / Left) Guide Tilt Angle Maximum Rod Pull-Out Force Dust Collector Model	32 18 Hydr	AIRN 953 cfm, 858 cfm 334 363  JF3 Fix E 50.5° / GH ft ft aulic moto 16° 120 6,744  A8	v compres 4AN 7 2,000 rp 7 1,800 rp 13.9° 8° 834 6 8 8 or driven	psi psi in in chain in o lb-force		AIR 27.0 m² 24.3 m² 24.3 m² 2.3 2.5 JF ix x 5.5° 30° Gi 9,910 1,509 1,509 1,509 1,200 30 30 30° 30° 30° 30° 30° 30° 30° 30°	F325 Boom / 13.9° / 1884 H834	mmm o chain
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Maker  Free Air Delivery 1  Free Air Delivery 2  Discharge Pressure 1 (When 2,000 rpm/min 1)  Discharge Pressure 2 (When 1,800 rpm/min 1)  Moon  Moodel  Fype  Boom Lift Angle (Up / Down)  Boom Swing Angle (Right / Left)  Guide Shell  Model  Feed Type  Suide Side Length  Suide Side And Pull-Out Force  Dust Collector  Model  Suction Capacity  Vumber of Fitter Element	32 18 Hydr 4	AIRN 953 cfm, 953 cfm, 334 363  JF3 fm, 50.5° / GH ft ft ft 16° 120 6,744  A88 2,649	v compre MAN 72,000 rp 71,800 rp 1125 1125 113,9° 88° 88° 46 8 8 90° 1111 117 190°	psi psi in in in chain in lib-force	Hydr	AIR STAND ST	ew compression of the compressio	mmm chain or kN
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Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 [When 2,000 rpm/min - 1] Discharge Pressure 2 [When 1,800 rpm/min - 1] Boom Model Type Boom Swing Angle (Right / Left) Guide Shelt Model Length Freed Length Freed Length Freed Type Suide Slide Length Suide Slide Length Suide Slide Nord Pull-Out Force Dust Cotlector Model Succion Freed Sylve Maximum Rod Pull-Out Force Dust Cotlector Model Succion Freed Sylve Suide Tilt Angle Maximum Rod Pull-Out Force Dust Cotlector Model Succion Capacity Number of Filter Element Type of Dust Ejection Rod Changer	32 18 Hydr 4	AIRN 953 cfm, 953 cfm, 334 363  JF3 fm, 50.5° / GH ft ft ft 16° 120 6,744  A88 2,649	v compre MAN 72,000 rp 71,800 rp 1125 1125 113,9° 88° 88° 46 8 8 90° 1111 1190° 1190	psi psi in in in chain in lib-force	Hydr	AIR 27.0 m² 24.3 m² 24.3 m² 24.3 m² 25.5 Js² 65.5° 65.5° 66.5 m² 26.5	ew compression of the compressio	mmm chain or kN
Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 (When 2,000 rpm/min - 1) Discharge Pressure 2 (When 1,800 rpm/min - 1) Boom Model Type Boom Lift Angle (Up / Down) Boom Swing Angle (Right / Left) Guide Shell Model Length Feed Length Feed Length Suide Slide Suide Slide Length Suide Slide Slide Length Suide Slide Slide Length Suide Slide Length	32 18 Hydr 4	AIRN 953 cfm, 953 cfm, 334 363  JF3 ffx E 50.5° / GH ft ft ft 16° 120 6,744  A88 2,649	v compre MAN 72,000 rp 71,800 rp 1125 1125 113,9° 88° 88° 46 8 8 90° 1111 1190° 1190	m psi psi psi in in in chain in in lib-force	Hydr	AIR 27.0 m² 24.3 m² 24.3 m² 24.3 m² 25.5 Js² 65.5° 65.5° 66.5 m² 26.5	PW compression of the compressio	mmm mm chain mm kN
Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 (When 2,000 rpm/min - 1) Discharge Pressure 2 (When 1,800 rpm/min - 1) Discharge Pressure 2 (When 1,800 rpm/min - 1) Boom Model Type Boom Litt Angle (Up / Down) Boom Swing Angle (Right / Left) Ouild e Shelt Model Length Freed Length Freed Length Freed Swing Angle (Right / Left) Suide Slide Length Suide Slide Length Suide Slide Length Suide Slide Length Suide Tiltt Angle Maximum Rod Pull-Out Force Dust Collector Model Suction Capacity Number of Filter Element Type of Dust Ejection Rod Changer Model Number of Folder Ejection Rod Changer Model Number of Rod Storage	32 18 Hydr 4	AIRN 953 cfm 858 cfm 858 cfm 953 cfm 234 363 364 365 365 65 65 65 65 65 65 65 65 65 65 65 65 6	v compre v comp	psi psi psi in in in chain in lb-force cfm	Hydr	AIR tage scrr AI	PW compression of the compressio	mmmm o chain mm o chai
Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 [When 2,000 rpm/min 1] Discharge Pressure 2 [When 1,800 rpm/min 1] Boom Model Type Boom Swing Angle (Right / Left) Boid Shelt Model Length Feed Length Feed Length Feed Type Suide Silde Length Suide Silde Length Suide Silde Length Suide Silde Length Suide Tilt Angle Maximum Rod Pull-Out Force Dust Cotlector Model Suction Capacity Number of Filter Element Type of Dust Ejection Rod Changer Model Number of Rod Storage Rod Length Number of Rod Storage	32 18 Hydr 4	AIRN 953 cfm 858 cfm 8	v compre V 2,000 rp V 2,000 rp V 1,800	m psi psi psi in in in chain in in lib-force	Hydr	AIR	Per compression of the compressi	mmmm o chain mm o chai
Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 (When 2,000 rpm/min ¹¹) Discharge Pressure 2 (When 1,800 rpm/min ¹¹) Boom Model Type Boom Lift Angle (Up / Down) Boom Swing Angle (Right / Left) Guide Shell Model Length Feed Length Feed Length Suide Slide Length Model Number of Filter Element Type of Dust Ejection Rod Changer Model Number of Rod Storage Rod Length Rod Diameter (in / pmm)	32 18 Hydr 4	AIRN 953 cfm 858 cfm 858 cfm 953 cfm 234 363 364 365 365 65 65 65 65 65 65 65 65 65 65 65 65 6	v compre v comp	m psi psi psi in	Hydr	tage scrr AIRIA 27.0 m²  27.0 m²  2.3  2.5  Fix Fix 50.5°  Gi 9.910  1,500  162 / 97  120  30  A  75  utomatic  Gi 8  5,000	PW compression of the compressio	mmm mmm n chain mm mmm mmm mmm mmm mmm mmm mmm mmm mm
Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 [When 2,000 rpm/min - 1] Discharge Pressure 2 [When 1,800 rpm/min - 1] Boom Model Type Boom Lift Angle (Up / Down) Boom Swing Angle (Right / Left) Ditide Shelt Model Length Feed Length Feed Length Feed Type Suide Slide Length Suide Swing Angle (Right / Left) Dust Collector Model Suction Capacity Number of Filter Element Number of Filter Element Number of Filter Element Nodel Model Model Mumber of Rod Storage Model Model Mumber of Rod Storage Model Implement Model	32 18 Hydr 4	ARN 953 cfm 858 cfm 858 cfm 858 cfm 858 cfm 1058	v compre v compre v compre v compre v compre v 2,000 rp 13.9° 13.9° 18° 18° 18° 18° 19° 10° 10° 10° 10° 10° 10° 10° 10	m psi psi psi in	Hydri A	tage scrr AIR 22.4.3 m² 22.4.3 m² 2.3 2.5  Ji i i i i i i i i i i i i i i i i i i	Pew compression of the compressi	mmm mmm n chain mm mmm mmm mmm mmm mmm mmm mmm mmm mm
Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 [When 2,000 rpm/min 1] Discharge Pressure 2 [When 1,800 rpm/min 1] Boom Model Type Boom Swing Angle (Right / Left) Boid E Shell Model Length Feed Length Feed Type Suide Silde Length Suide Silde Length Suide Silde Angle (Right / Left) Buide Silde Length Suide Silde Length Suide Silde Length Suide Tilt Angle Maximum Rod Pull-Out Force Dust Cotlector Model Suction Capacity Number of Filter Element Type of Dust Ejection Rod Changer Model Number of Rod Storage Rod Length Sod Diameter (in / spmm) Electrics Battery	32 18 Hydr 4	AIRN 953 cfm 953 cfm 334 363 3F7 S S S S S S S S S S S S S S S S S S S	v compre v compre v compre v compre v compre v compre v v compre v v compre v v compre v v compre v v v v v v v v v v v v v v v v v v v	m psi psi psi in	Hydri A	AIR 27.0 m	PW compression of the compressio	mmm mmm n chain mm mmm mmm mmm mmm mmm mmm mmm mmm mm
Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 (When 2,000 rpm/min - 1) Discharge Pressure 2 (When 1,800 rpm/min - 1) Discharge Pressure 2 (	32 18 Hydr 4	AIRN 953 cfm 953 cfm 334 363 3F: Fix k B 50.5° / Fix k B 50.5°	v compre v compre v 2,000 rp v 1,800 rp v 1,800 rp v 1,800 rp v 1,800 rp 8° 8° 8° 8° 8° 8° 8° 8° 8° 8°	m psi psi psi in	Hydri A	AIRE 27.0 m² 27.0 m² 27.0 m² 2.3 2.5  Ji (2.3 2.5 2.5  Ji (2.3 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	Pew compression of the compressi	mmm mmm n chain mm mmm mmm mmm mmm mmm mmm mmm mmm mm
Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 (When 2,000 rpm/min - 1) Discharge Pressure 2 (When 1,800 rpm/min - 1) Discharge Pressure 2 (When 1,800 rpm/min - 1) Boom Model Type Boom Litt Angle (Up / Down) Boom Swing Angle (Right / Left) Güide Shell Model Length Freed Length Freed Type Guide Slide Length Suide Swing Angle (Right / Left) Suide Swing Angle (Right / Left) Suide Slide Length United Slide Length Suide Slide Length Suide Slide Length Suide Slide Length Maximum Rod Pull-Out Force Dust Collector Model Suction Capacity Number of Filter Element Type of Dust Ejection Rod Changer Model Number of Slide Slide Length Rod Changer Model Slide	32 18 Hydr 4	AIRN 953 cfm 953 cfm 334 363 3F7 S S S S S S S S S S S S S S S S S S S	v compre v compre v 2,000 rp v 1,800 rp v 1,800 rp v 1,800 rp v 1,800 rp 8° 8° 8° 8° 8° 8° 8° 8° 8° 8°	m psi psi psi in	Hydri A	AIRE 27.0 m² 27.0 m² 27.0 m² 2.3 2.5  Ji (2.3 2.5 2.5  Ji (2.3 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	PW compression of the compressio	mmm mmm chain or kN
Maker Free Air Delivery 1 Free Air Delivery 2 Discharge Pressure 1 [When 2,000 rpm/min - 1] Discharge Pressure 2 [When 1,800 rpm/min - 1] Boom Model Type Boom Swing Angle (Right / Left) Guide 5 shell Model Length Freed Length Freed Length Freed Type Suide Side Length Suide Swing Angle (Right / Left) Guide Tilt Angle Maximum Rod Pull-Out Force Dust Collector Model Suction Capacity Number of Filter Element Type of Dust Ejection Rod Changer Model Number of Rod Storage Rod Length Rod Changer Model Number of Rod Storage Rod Length Rod Changer Model Number of Rod Storage Rod Length Rod Length Rod Changer Model Number of Rod Storage Rod Length Rod Length Rod Changer Rod Changer Rod Length Rod Length Rod Changer Rod Changer Rod Length Rod Changer Rod Length Rod Length	32 18 Hydra 4	AIRN 953 cfm 953 cfm 334 363 3F: Fix k B 50.5° / Fix k B 50.5°	v compre v compre v 2,000 rp v 1,800 rp v 1,800 rp v 1,800 rp v 1,800 rp 8° 8° 8° 8° 8° 8° 8° 8° 8° 8°	m psi psi psi in	Hydri A	AIRE 27.0 m² 27.0 m² 27.0 m² 2.3 2.5  Ji (2.3 2.5 2.5  Ji (2.3 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	Pew compression of the compressi	mm MPa  mm mm n chain mm kN

- \*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 "Ground Contact Pressure" is calculated based on "Overall Weight (A)".

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