

# Hydraulic Power

## 890F4/PG TECHNICAL SPECIFICATIONS

	8 gpm (30 lpm)	12 gpm (45 lpm)
Powerhead Weight (1' hose whips)	23.5 lbs (10.6 kg)	
Bar Cutting Depth	10 in/25 cm, 15 in/38 cm, 20 in/50 cm, 25 in/63 cm FORCE4® & PowerGrit®	
Length	23 inches (58.5 cm)	
Height	10.5 inches (26.5 cm)	
Width	9.5 inches (24 cm)	
Hydraulic Supply	8 gpm (30 lpm) @ 2,500 psi (172.5 bar)	12 gpm (45 lpm) @ 2,500 psi (172.5 bar)
Hydraulic Fluid Requirements (Type)	PC HYDREX MV32 or equivalent	
Water Supply Requirements	Minimum: 20 psi (1.4bar)	
Water Flow	2 gpm (8 lpm) minimum	
Operating Speed	6,100 rpm (avg. free running) 5,500 sfm (avg. free running chain)	6,500 rpm (avg. free running) 5,800 sfm (avg. free running chain)
Torque*	7.0 ft-lbs (9.6 Nm)	10.0 ft-lbs (13.5 Nm)
Horsepower (1)*	6 hp (4.5 kW)	8 hp (6.0 kW)
Guaranteed Sound Power Level $L_{wa}$ (2)	107 dB(A) (K=0.2 dB(A))	
Equivalent Sound Pressure at the Operator's Ear $L_{pA}$ (2)	98 dB(A) (K=0.7 dB(A))	
Vibration $a_{hv,eq}$ Concrete Cutting (3)	2.0 m/s <sup>2</sup> (K=0.1 m/s <sup>2</sup> ) Front Handle 6.0 m/s <sup>2</sup> (K=1.4 m/s <sup>2</sup> ) Rear Handle	
Vibration $a_{hv,eq}$ PowerGrit Cutting (3)	4.6 m/s <sup>2</sup> (K=0.1 m/s <sup>2</sup> ) Front Handle 4.8 m/s <sup>2</sup> (K=0.3 m/s <sup>2</sup> ) Rear Handle	

(1) Measured using 18HP hydraulic power pack (8 gpm/30 lpm and 23HP hydraulic power pack (12 gpm/45 lpm) at 2000psi/138 bar.  
(2) Measured in accordance with ISO3744:2010  
(3) Measured in accordance with ISO5349-1:2001

\* Output ratings based on maximum input conditions and efficiency assumptions and may vary depending on power supply.

**890 F4 - Hydraulic**  
**Creating an opening for an egress window**  
**Seattle, WA - 2014**

# For Cutting Concrete & Pipe

## 890 Series

The ICS 890 Series hydraulic cutting system offers the superior strength of FORCE4® technology and is equipped with integrated water delivery system that continuously feeds water to the blade. From the redesigned, more durable rear handle, to the easy to replace drive sprocket, this hydraulic power cutter is engineered to stand up to your toughest jobs. In a package that exceeds industry standards, this sleek powerhouse is packed with features designed to make it work as hard as you do.



890F4 HYDRAULIC POWER CUTTERS AND CONSUMABLES\*

PART NUMBER	DESCRIPTION	PART NUMBER	DESCRIPTION
566110	ICS 890F4 Powerhead 8 gpm/30 lpm, 1 ft/30 cm hose whips	531743	ICS FORCE4-25 chain 10 in/25 cm
566355	ICS 890F4 Powerhead 8 gpm/30 lpm, 8 ft/2.5m hose whips	525342	ICS FORCE4-29 chain 15 in/38 cm
566112	ICS 890F4 Powerhead 12 gpm/45 lpm, 1 ft/30 cm hose whips	531749	ICS FORCE4-34 chain 20 in/50 cm
566116	ICS 890F4 Powerhead 12 gpm/45 lpm, 8 ft/2.5m hose whips	525345	ICS FORCE4-40 chain 25 in/63 cm
566113	ICS 890F4-FLUSH Powerhead 8 gpm/30 lpm, 1 ft/30 cm hose whips	531745	ICS FORCE4-25 Premium L chain 10 in/25 cm
566351	ICS 890F4-FLUSH Powerhead 8 gpm/30 lpm, 8 ft/2.5m hose whips	525343	ICS FORCE4-29 Premium L chain 15 in/38 cm
566114	ICS 890F4-FLUSH Powerhead 12 gpm/45 lpm, 1 ft/30 cm hose whips	531751	ICS FORCE4-34 Premium L chain 20 in/50 cm
566117	ICS 890F4-FLUSH Powerhead 12 gpm/45 lpm, 8 ft/2.5m hose whips	525346	ICS FORCE4-40 Premium L chain 25 in/63 cm
566127	ICS 890F4-15 Package 8 gpm/30 lpm, 1 ft/30 cm hose whips, case	531739	ICS FORCE4-25 Premium S chain 10 in/25 cm
566717	ICS 890F4-15 Package 8 gpm/30 lpm, 8 ft/2.5m hose whips, case	531735	ICS FORCE4-29 Premium S chain 15 in/38 cm
566123	ICS 890PG-15 Package 8 gpm/30 lpm, 1 ft/30 cm hose whips, case	531741	ICS FORCE4-34 Premium S chain 20 in/50 cm
566710	ICS 890PG-15 Package 8 gpm/30 lpm, 8 ft/2.5m hose whips, case	531737	ICS FORCE4-40 Premium S chain 25 in/63 cm
566125	ICS 890PG-15 Package 12 gpm/45 lpm, 1 ft/30 cm hose whips, case	531747	ICS FORCE4-25 Abrasive chain 10 in/25 cm
566712	ICS 890PG-15 Package 12 gpm/45 lpm, 8 ft/2.5m hose whips, case	525344	ICS FORCE4-29 Abrasive chain 15 in/38 cm
566124	ICS 890PG-20 Package 8 gpm/30 lpm, 1 ft/30 cm hose whips, case	531753	ICS FORCE4-34 Abrasive chain 20 in/50 cm
566711	ICS 890PG-20 Package 8 gpm/30 lpm, 8 ft/2.5m hose whips, case	525347	ICS FORCE4-40 Abrasive chain 25 in/63 cm
566126	ICS 890PG-20 Package 12 gpm/45 lpm, 1 ft/30 cm hose whips, case	537764	ICS PowerGrit Chain 15 in/38 cm
566716	ICS 890PG-20 Package 12 gpm/45 lpm, 8 ft/2.5m hose whips, case	537765	ICS PowerGrit Chain 20 in/50 cm
529829	ICS 890F4 Guidebar 10 in/25 cm	545017	ICS PowerGrit Chain 25 in/63 cm
523080	ICS 890F4 Guidebar 15 in/38 cm	571504	ICS FORCE4-25 Premium S wide kerf (.375) chain 10 in/25 cm
529767	ICS 890F4 Guidebar 20 in/50 cm	570943	ICS FORCE4-29 Premium S wide kerf (.375) chain 15 in/38 cm
525320	ICS 890F4 Guidebar 25 in/63 cm	571505	ICS FORCE4-34 Premium S wide kerf (.375) chain 20 in/50 cm
		571506	ICS FORCE4-40 Premium S wide kerf (.375) chain 25 in/63 cm
		565065	ICS 890F4 Drive Sprocket
		565066	ICS 890F4-FLUSH Drive Sprocket
		70636	890F4 Tensioner Kit
		523946	890F4-FL Tensioner Kit
		70619	Tensioning Srench

See the entire list of our guidebar and chain compatibility on pages 22-23.