

680ES

Deep Cutting, Gas Powered Saw

Built to meet the operation and flexibility demands of the general construction user, the 680ES stands alone in terms of reliability and value. Easy to start with a new multifunction lever to control choke, run, and stop functions. The distinctive black powerhead houses specially designed carburetion and ignition systems that work together to ensure easy starting, cooler operation and dependable performance at just about any elevation. Available with 12-inch (30 cm) and 14-inch (35 cm) guidebars and the entire line of MAX series diamond chain.

680ES PRODUCT SPECIFICATIONS

Engine Type	2-stroke, Air Cooled
Displacement	76.5 cc (4.7 cu-in)
Horsepower	3.7 kW (5 hp) @ 9,500 rpm
Torque	4.1 Nm (36.3 in-lbs) @ 6,500 rpm
Engine Speed	11500 +/- 500 rpm (max) 2,800 - 3,200 rpm (idle)
Chain Speed at Maximum Power	34.5 m/s (6800 ft/min)
Weight	9.5 kg (21 lbs) powerhead only
Powerhead Dimensions	46 cm (18 in) length 29 cm (11.5 in) height 25 cm (10 in) width
Starter	Dust and water resistant
Ignition	Special water resistant electronic ignition
Fuel ratio	4% (25:1) gasoline-to-oil
Fuel Capacity	0.88 liter (0.23 gallon)
Water Supply Requirement	Minimum 1.5 bar (20 psi)
Water Flow Requirement	Minimum: 4 lpm (1 gpm)
Guaranteed Sound Power Level, L_{wa} (1)	117 dB(A) ($K_{wa}=3.0$ dB(A))
Equivalent Sound Pressure at the Operator's Ear, L_{pa} (1)	101.0 dB(A) ($K=2.0$ dB(A))
Vibration, $a_{hv,eq}$ Concrete Cutting (2)	7.2 m/s ² ($K=1.0$ m/s ²) Front Handle 8.5 m/s ² ($K=1.0$ m/s ²) Rear Handle

(1) Measured in accordance with ANSI S12.51-2012/ISO3741:2010
(2) Measured in accordance with ISO5349=1:2001 and IS 22867:2011

ICS, BLOUNT INC. HEADQUARTERS | 4909 SE International Way Portland, OR 97222-4679 | PHONE 800.321.1240 · FAX 503.653.4393

© Copyright 2015 ICS, Blount Inc. Privacy statement specifications subject to change without notice.

Pricing and specifications subject to change without notice. All rights reserved. ICS, WallWalker, SpeedHook, SealPRO, FORCE4 and PowerGrit are registered trademarks of ICS. The best way to cut concrete, DCT, TSS, ProFORCE and TwinMAX are trademarks of ICS.0715



Polyester air filter
designed specifically
for wet cutting



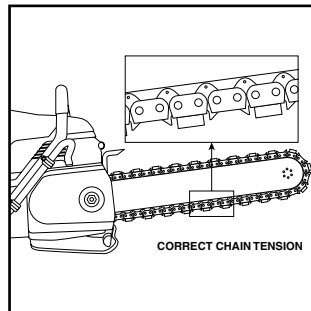
Operates TwinMAX™ bar
and chain consumables up
to 14" (35cm)

Multifunction lever
controls choke,
throttle advance, run
and stop modes

Extended drive sprocket
adapter offers easy
chain assembly



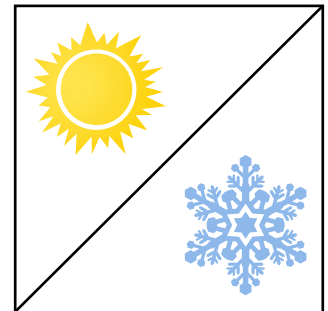
Deep cutting solution
for obstructed or small
openings



Easy tensioning of chain



Cut squares as small as
4" x 4" (10 cm x 10 cm)



Easy-to-start in all weather

ICS, BLOUNT INC. HEADQUARTERS | 4909 SE International Way Portland, OR 97222-4679 | PHONE 800.321.1240 · FAX 503.653.4393

© Copyright 2015 ICS, Blount Inc. Privacy statement specifications subject to change without notice.

Pricing and specifications subject to change without notice. All rights reserved. ICS, WallWalker, SpeedHook, SealPRO, FORCE4 and PowerGrit are registered trademarks of ICS. The best way to cut concrete, DCT, TSS, ProFORCE and TwinMAX are trademarks of ICS.0715