



# Brokk Demolition Robots



01245 403353



## Brokk 160

### Remote Controlled Demolition Machine

(with SB202 attachment)

[Datasheet page 6 - 7](#)

## Brokk 160 Attachments



### SB202 Breaker

Hitting Power 406 J/Nm

850 - 1800 Blows/min

Weight 200 kg



### CC420 Concrete Crusher

Jaw Opening  
420 mm

Max. Crushing  
Force 382kN

Weight 240 kg

[Datasheet - page 8](#)



### Rockwheel TD-30 Hydraulic Cutting Unit

Max. Input Power 22kw

Max. Pressure 400 bar

Pick Force 9.9kN @ 300 bar

Weight 215 kg

[Datasheet - page 9 - 10](#)

\*Buckets - see page 5



## Brokk 110

### Remote Controlled Demolition Machine

(with SB152 attachment)

[Datasheet page 11 - 12](#)

## Brokk 110 Attachments



### SB152 Breaker

Hitting Power 254 J/Nm

840 - 1900 Blows/min

Weight 140 kg



### CC340 Concrete Crusher

Jaw Opening 343 mm

Max. Crushing Force 360kN

Weight 150 kg

[Datasheet - page 13](#)

**\*Buckets - see page 5**



## Brokk 70

### Remote Controlled Demolition Machine

(with BHB105 attachment)

[Datasheet - page 14 - 15](#)

## Brokk 70 Attachment



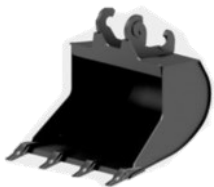
### BHB 105 Breaker

Hitting Power 159 J/Nm

750 - 2300 Blows/min

Weight 100 kg

## Buckets



Made for	Volume	Width	Weight
Brokk 160	80L / 2.8 cu ft	690 mm	76 kg
Brokk 110	60L / 2.1 cu ft	520 mm	61 kg
Brokk 70	40L / 1.4 cu ft	430 mm	29 kg

# BROKK 160



## Cutting-edge demolition unleashed

**DON'T LET THE SIZE FOOL YOU.** The Brokk 160 is a giant leap forward when it comes to small size and impressive strength. This lightweight, remote-controlled demolition machine and its power-packed electric motor, hits frighteningly hard (over 406 joules at the tip). As with our complete line of remote demolition machines, safety is the first design priority. The Brokk 160's state-of-the-art digital remote control takes the

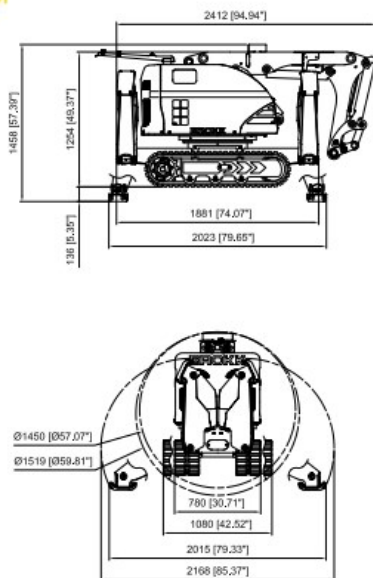
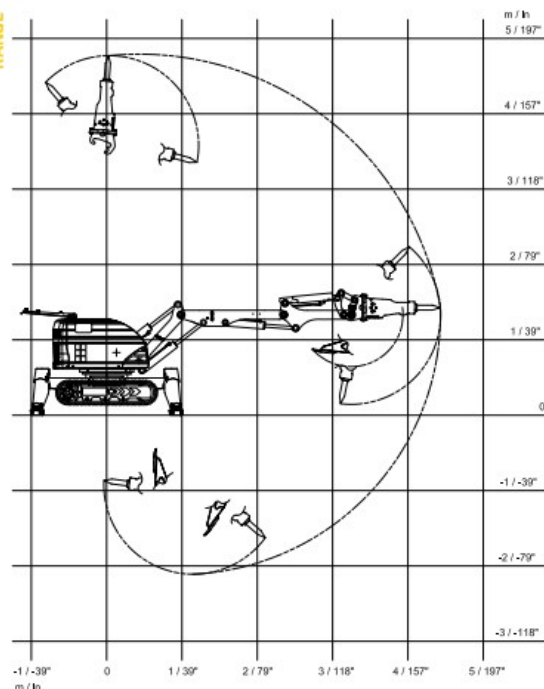
danger out of demolition by allowing you to control the unit from a safe distance with incredible accuracy.

With the efficiency of the 160, you'll work smarter not harder. Welcome to a new generation of demolition machines with the strength and versatility to take your business to the next level.

### APPLICATIONS

Perfect for safe and effective medium to heavy demolition in the construction, cement, mining, tunneling, metal processing and nuclear industries.





Hydraulic breaker in illustrations  
Load and stability diagram can be ordered from Brokk AB

SB 202

**Performance**

Slewing speed	10 sec/360°
Transport speed, max.	2.1 km/h; 0.6 m/s; 1.3 mph
Incline angle, max.	30°

**Hydraulic system**

Hydraulic system capacity	80 l; 21.1 US gal
Pump type	Variable load-sensing piston pump
System pressure, standard	17.5 MPa; 2,538 psi
System pressure, max****	25.0 MPa; 3,626 psi
Oil flow max*	50Hz 62 l/min; 16.4 US gal/min
	60Hz 74 l/min; 19.7 US gal/min

**Electric motor**

Type	ABB
Output**	18.5 kW
Current**	38 A
Starting device	Soft start/Direct start

**Control system**

Control type	Portable control box
Signal code	Digital
Transfer	Cable/Radio

**Weight**

Weight of machine	1,600 kg; 3,527 lbs
Weight of machine incl. counterweight***	1,900 kg; 4,189 lbs

**Machine noise level**

Sound power level Lwa, measured according to directive 2000/14/EC	85.8 dB(A)
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\*Max pump flow and max system pressure cannot be delivered at the same time as the engine will overload

\*\*Valid for 400V/50Hz

\*\*\*Option for long-arm, extra heavy tools, etc

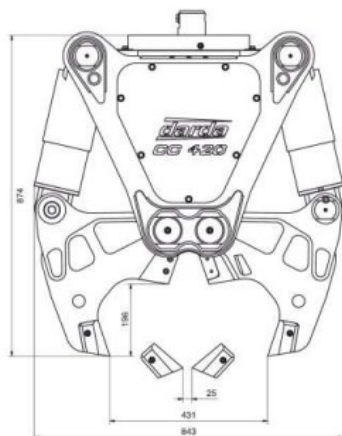
\*\*\*\*Option for some special attachments





# CONCRETE CRUSHER CC 420

## Maximum crushing force in a lightweight attachment!



### Specifications CC 420

Measurements		
Total length <sup>1,2</sup>	874 mm	34,5 inches
Total width <sup>1</sup>	843 mm	33 inches
Total height	330 mm	13 inches
Maximum distance between crusher tips	420 mm	16,5 inches
Weights		
Total weight without mounting plate, approx.	240 kg	529 lbs.
Recommended weight of carrier	2,5 - 4,5 t	5511 - 9921 lbs.
Hydraulics		
Minimum pressure	17,5 MPa (175 bar)	2530 psi
Maximum pressure	27 MPa (270 bar)	3900 psi
Working pressure	50 MPa (500 bar)	7252 psi
Oil flow max.	100 l/min	26,4 US gal/min
Performance (at input pressure min 15,5 MPa (155 bar))		
Maximum crushing force <sup>4</sup>	382 kN (38,2 t)	85877 lbf
Maximum cutting force <sup>5</sup>	1215 kN (124 t)	278762 lbf
Cutting capacity max.	D = 28 mm	D = 1,1 inches
Time to close <sup>3</sup>	ca. 2,3 s	ca. 2,3 s
Time to open <sup>3</sup>	ca. 1,8 s	ca. 1,8 s

<sup>1</sup> When completely extended. <sup>2</sup> Without mounting plate. <sup>3</sup> With an oil flow of approx. 70 l/min.

<sup>4</sup> Force at the crusher tips when open. <sup>5</sup> Force at the cutter blades.

Mounting plates for different carriers on request





# TECHNICAL DESCRIPTION TD-30

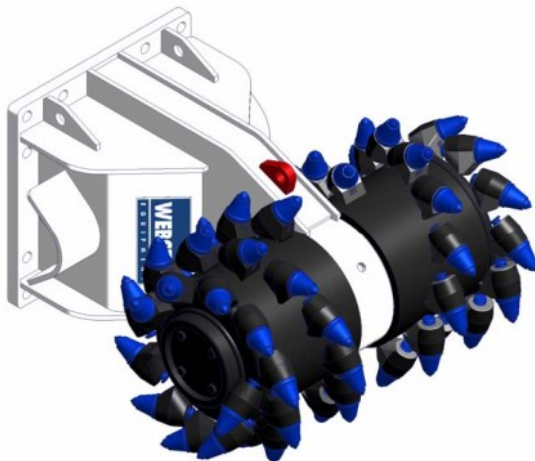
The Rockwheel TD-30 Hydraulic Cutting Unit can be supplied with either scaling/grinding cutting drums or rock cutting drums. For advice re different diameters, widths and/ or picks contact Webster Equipment Ltd Technical Department.

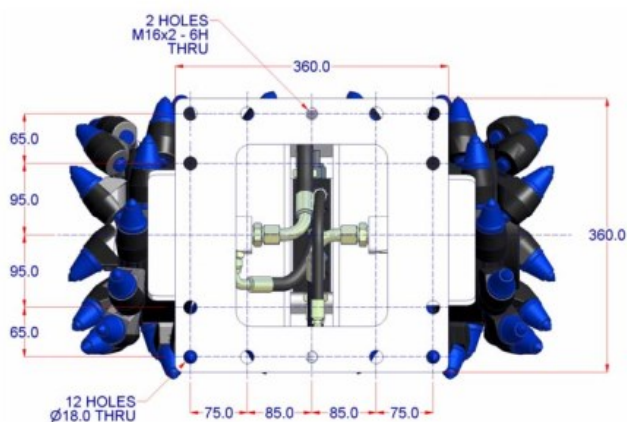


## TD-30 Specification

Maximum Input Power	- 22 kW	- 29.5 hp
Maximum Flow	- 65.0 lpm	- 14.5 UK gpm
Recommended Flow	- 40.0 lpm	- 8.8 UK gpm
Maximum Pressure	- 400 bar	- 5,801 psi
Output Shaft Torque	- 1,875 Nm @ 300 bar	- 1,383 lbf ft @ 4,351 psi
Pick Force	- 9.9 kN @ 300 bar	- 2,229 lbf @ 4,351 psi
Output Shaft Speed	- 100.0 rpm @ 40 lpm	- 100.0 rpm @ 8.8 UK gpm
Pick Speed	- 1.98 m/s @ 40 lpm	- 460.5 ft/min @ 8.8 UK gpm
Unit Weight	- 215 kg	- 474 lb
Excavator Range	- 2.5 – 6.0 tonne	- 2.0 – 6.0 tonne
No of Picks (Rock Drums)	- 56 (19.0 mm Shank)	- 56 (0.76" Shank)

If oil specification is below 46 centistokes at 40°C (ISO HV46) the performance must be down rated. Please consult Webster Equipment Technical Department for further information.





# BROKK 110

NEW 2016!



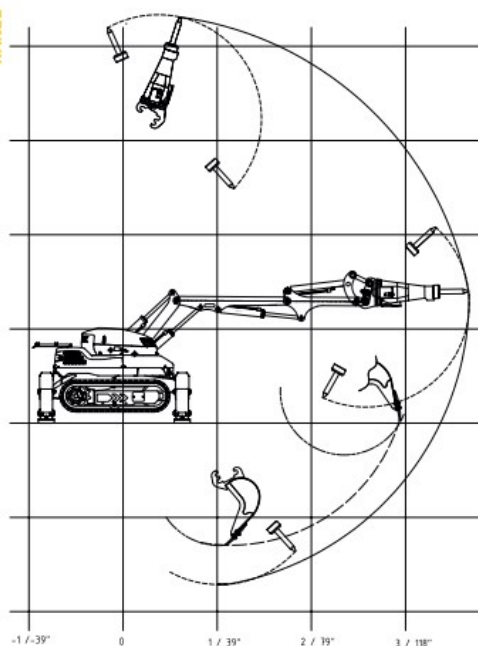
## Stronger, smarter, tougher

**THE BROKK 110** is the new generation of demolition robots. With 15% more power than the Brokk 100 (and a whopping 50% more power than the Brokk 90), the new Brokk SmartPower™ electrical system and a reinforced design, it's built to face almost anything. Just like its predecessor it is extraordinarily versatile in tight spaces, as it keeps the same industry leading compact size. In spite of its reach and power, it folds up into a surprisingly compact package that can climb stairs, fit in an elevator and be carried on a small truck or trailer. It's the perfect solution in a wide variety of residential, commercial and industrial environments. All in all: a demolition robot that's stronger, smarter and tougher.

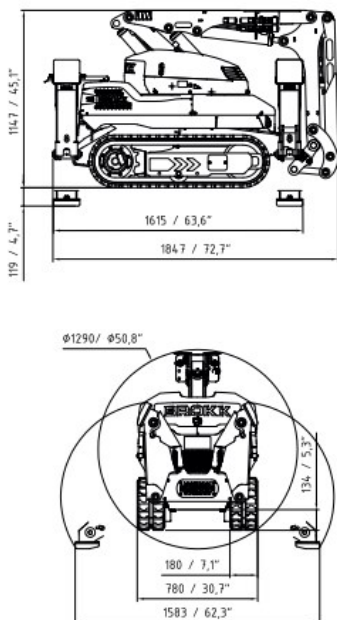
- Most compact and powerful machine of its size
- Brokk SmartPower™, a new intelligent and hardened electrical system
- Operates on both 16 and 32 amp
- Real 360 degrees work radius
- Unbeatable cooling capacity
- Fully covered and protected components



# RANGE



# SIZE



# TECHNICAL DATA

Hydraulic breaker in illustrations  
Load and stability diagram can be ordered from Brokk AB

SB 152

## Performance

Slewing speed 10 sec/360°  
Transport speed, max. 2,5 km/h; 0,7 m/s;  
Incline angle, max. 30°

## Hydraulic system

Hydraulic system capacity 45 l; 11.8 US gal  
Pump type Variable load-sensing piston pump  
System pressure 18 MPa; 2 611 psi  
Pump flow max 50 Hz/60 Hz 54 l/min; 14,3 US gal/min

## Electric motor

Type ABB  
Motor rating\* 15 kW  
Rated current\* 31 A  
Rated current reduced power\* 16 A  
Power consumption\* 0-16,5 kW  
Starting device Soft start/Direct start

## Control system

Control type Portable control box  
Signal code Digital  
Transfer Cabel/Radio

## Weight

Weight of basic machine excl attachment & extra equipment 990 kg; 2 183 lbs  
Recommended attachment weight 160 kg; 352 lbs

## Noise level

Sound power level Lwa, measured according to directive 2000/14/EC 91 dB(A)

\* Valid for 400V/50Hz

\*\* Hydraulic pressure can be increased depending on the attachment

# ACCESSORIES/OPTIONS

## Arm System

Impact and heat protection for cylinder C2 and C3

## Under carriage

Rubber caterpillar tracks  
Steel caterpillar tracks

## Heat resistance

Heat resistant hoses for hydraulic breaker  
Forced draft cooling of machine  
Forced draft cooling of breaker

## Other options

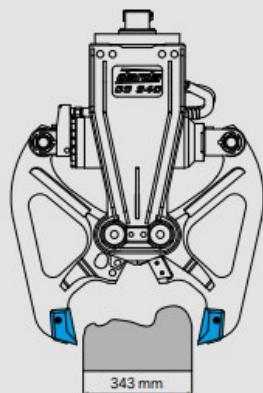
Air flushing through breaker to protect from dust  
Water spray through breaker to bind dust  
Brokk cover  
Extra hydraulic function  
Drainage hose  
CAN cable connection for tools

# TOOLS



# Concrete Crusher CC340

Flyweight champion



Crusher with standard crushing tips

## Specifications | Concrete Crusher CC340

Dimensions and weight		
Length x Width x Height <sup>1</sup>	877 x 715 x 334 mm	34 x 28 x 13 in
Jaw opening	343 mm	14 in
Total weight <sup>1</sup>	150 kg	331 lb
Carriers		
Recommended carrier weight, max. <sup>2</sup>	1.5 - 2.7 t	3307 - 5952 lb
Recommended Brokk machines	Brokk 110 / 120D	
Hydraulic connection		
Connection pressure, min.	16.5 MPa (165 bar)	2393 psi
Connection pressure, max.	25 MPa (250 bar)	3626 psi
Operating pressure	47 MPa (470 bar)	6817 psi
Oil flow, max.	100 l/min	27 gal/min
Power output		
Crushing force, max.	360 kN (36.7 t)	80931 lbf
Cutting force, max.	950 kN (97 t)	213500 lbf
Cutting capacity, max.	1x Ø 30 mm	1 1/4 in
Ordering information		
Article no. <sup>3</sup>	9033 0340 80	

<sup>1</sup> Without support plate

<sup>2</sup> Depending on the load capacity table of the carrier manufacturer

<sup>3</sup> Without attachment





# / BROKK 70

The Brokk 70 is the perfect solution for safe and efficient demolition in confined spaces. Compared to its predecessor, the Brokk 60, the Brokk 70 has a stunning 100% more demolition capacity. Its combination of power, small size, and light weight allow for work in places where mechanized demolition has previously been impossible. Equipped with SmartPower™ and a smooth hydraulic system, the Brokk 70 features enormous power in a miniature size. With the Brokk 70, there is no need to continue using harmful hand tools.

- Weighs less than 560 kg
- 9.8 kW Brokk SmartPower™ electrical system
- Powered with only 16 A electricity fuse
- Extremely compact - gets through the narrowest doorways



Hydraulic breaker in images: BHB 105. Drum cutter in image: BDC 40.  
Load and stability diagram available on request





## TECHNICAL DATA

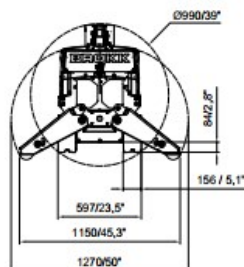
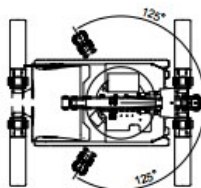
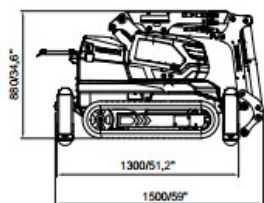
Slewing speed	6,5 sec/245°
Transport speed, max.	2.7 km/h; 1.7 mph
Climbing inclination, max.	30°
Hydraulic system capacity	27 t; 7.1 US gal
Pump type	Variable load-sensing
System pressure	17 MPa; 2466 psi
Pump flow 50Hz och 60Hz	27 l/min; 7 US gal/min
Power technology	SmartPower™
Electric motor type	ABB
Power*	9.8 kW
Recommended fuse size*	16 A
Starting device	Direct start
Control type	SmartRemote™, portable
Signal code	Digital
Transfer	Professional radio/Cable
Range, radio	Up to 300 m
Machine weight**	560 kg; 1235 lbs
Recommended attachment weight	105 kg; 231 lbs
Sound power level L <sub>WA</sub> ***	90 dB(A)

\*Valid for 400 V/50 Hz and 440 V/60 Hz

\*\*Excluding attachment and extra equipment

\*\*\*Measured according to directive 2000/14/EC

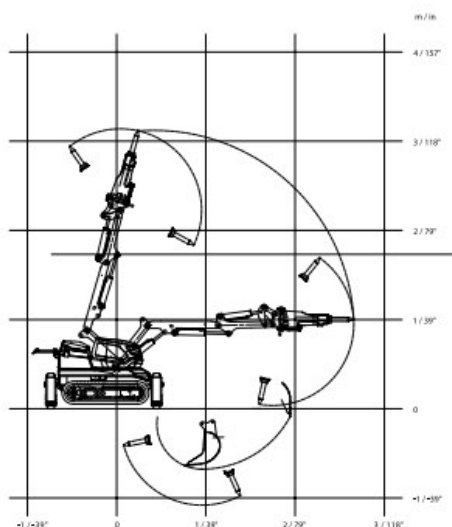
## SIZE



## OPTIONS

- Extra cylinder protection
- Rubber caterpillar tracks
- Forced draft cooling for machine
- Forced draft cooling for breaker
- Steel pads
- Atomized water mist **NEW!**
- Water spray for breaker
- Extra hydraulic function
- Lifting eyes (regular lifting points are standard)
- Motion warning

## RANGE







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