

Motor Drills and Breakers

Power in a Portable Package



People.
Passion.
Performance.



Chicago
Pneumatic

CP ROAD

COMPACT YET POWERFUL.

The CP Road is the true heavy hitter in our motor drills and breakers range. The unique design combines an ultra-compact 25 x 108 mm (1 x 4-1/4 in) shank* with 60 J of power at the tool tip, delivering enough impact energy to handle silica-rich rocks and reinforced concrete.

Applications:

- Breaking concrete and asphalt
- Sidewalk service
- Pothole repair/tamping
- Installing posts/signs/barriers and fences
- Digging frozen or hard ground

IMPACT ENERGY

60 J (44 ft-lb)

BLOW FREQUENCY

1,440 bpm

WEIGHT

22 kg (48.5 lb)*

LENGTH

743 mm (29.3 in)*

VIBRATION LEVEL

7.0 m/s² (23 ft/s²)

*Model with 25 x 108 mm (1 x 4-1/4 in) shank. Other shank sizes available.



SERVICE ACCESS

Top compartment opens for easy access to change the filter.

**ERGONOMIC DESIGN**

Vibration-reducing handles allow operators to work longer with less fatigue. Hand throttle also provides excellent control.

EASY SETUP AND HANDLING

The compact, portable design requires no cables, hoses or external power sources. It's ideal for applications where you change locations frequently.

**QUICK STARTING**

Spring-loaded kill switch springs back into the starting position, so the tool is ready when you pull the cord on the recoil start.

FRONT EXHAUST

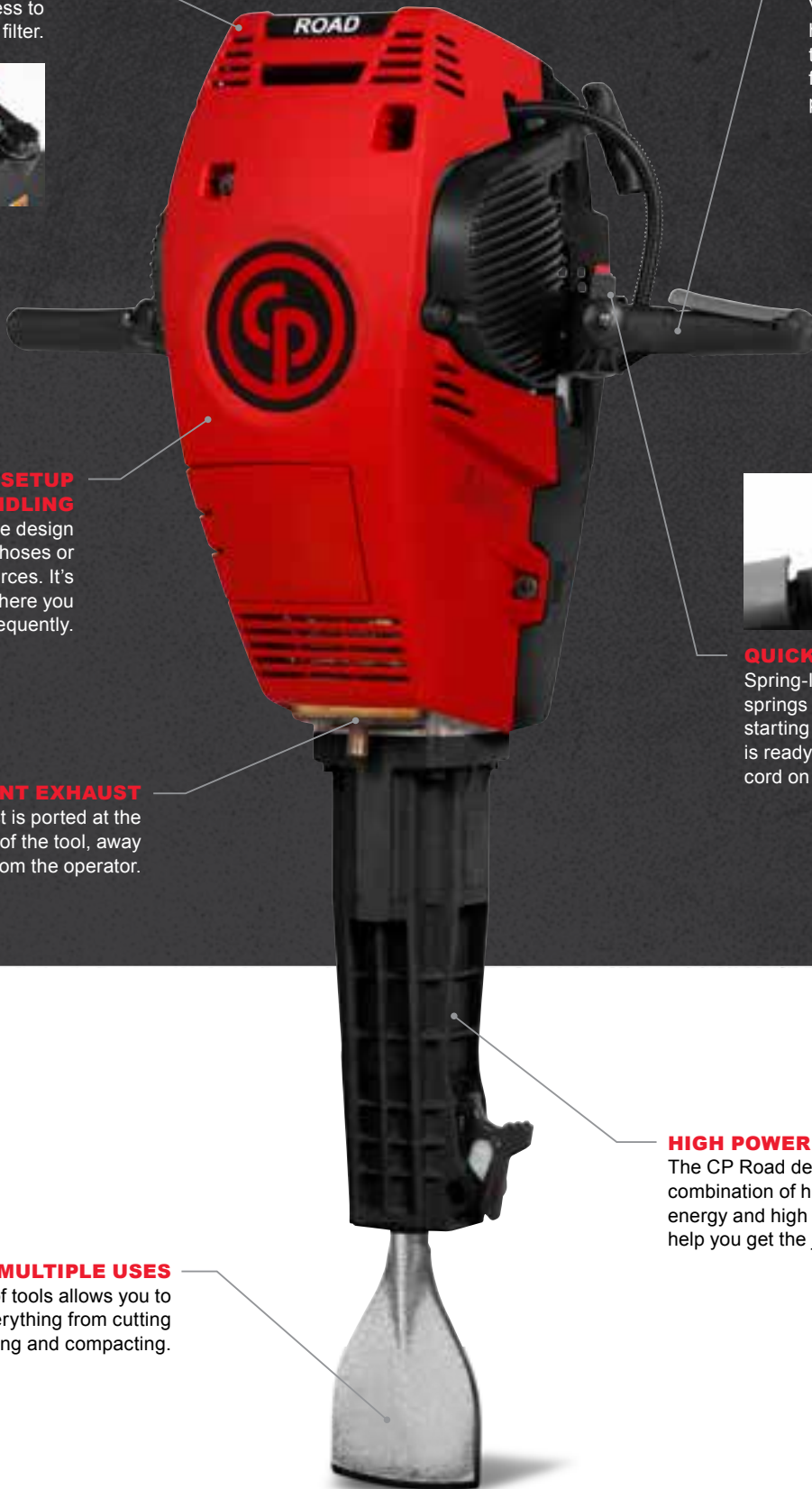
Exhaust is ported at the front of the tool, away from the operator.

HIGH POWER

The CP Road delivers a combination of high percussive energy and high blow frequency to help you get the job done faster.

MULTIPLE USES

An extensive range of tools allows you to use the CP Road for everything from cutting and breaking to driving and compacting.



CP RAIL

THE PERFECT MATCH.

Designed specifically for railway applications, the CP Rail is optimized for fast, efficient tie tamping without damaging the ballast or the machine. The portable design also allows you to get in and out of the work area quickly, with no compressors, hoses or cables to worry about. It's ideal for railway station applications such as tamping around switches and cables.

Applications:

- Tamping around switches and cables

IMPACT ENERGY

40 J (30 ft-lb)

BLOW FREQUENCY

1,620 bpm

WEIGHT

22 kg (48.5 lb)*

LENGTH

743 mm (29.3 in)*

VIBRATION LEVEL

6.7 m/s² (22.0 ft/s²)

*Model with 25 x 108 mm (1 x 4-1/4 in) shank. Other shank sizes available.



SERVICE ACCESS

Top compartment opens for easy access to change the filter.

**ERGONOMIC DESIGN**

Vibration-reducing handles allow operators to work longer with less fatigue. Hand throttle also provides excellent control.

PORTABLE AND EFFICIENT

No compressor, generator or power pack is needed, so an access road along the rail lines is not required.

CONVENIENT LOGISTICS

The portable CP Rail is a fast, efficient solution. It allows operators to work quickly, which helps with scheduling maintenance by potentially reducing the need to close tracks.

**QUICK STARTING**

Spring-loaded kill switch springs back into the starting position, so the tool is ready when you pull the cord on the recoil start.

FRONT EXHAUST

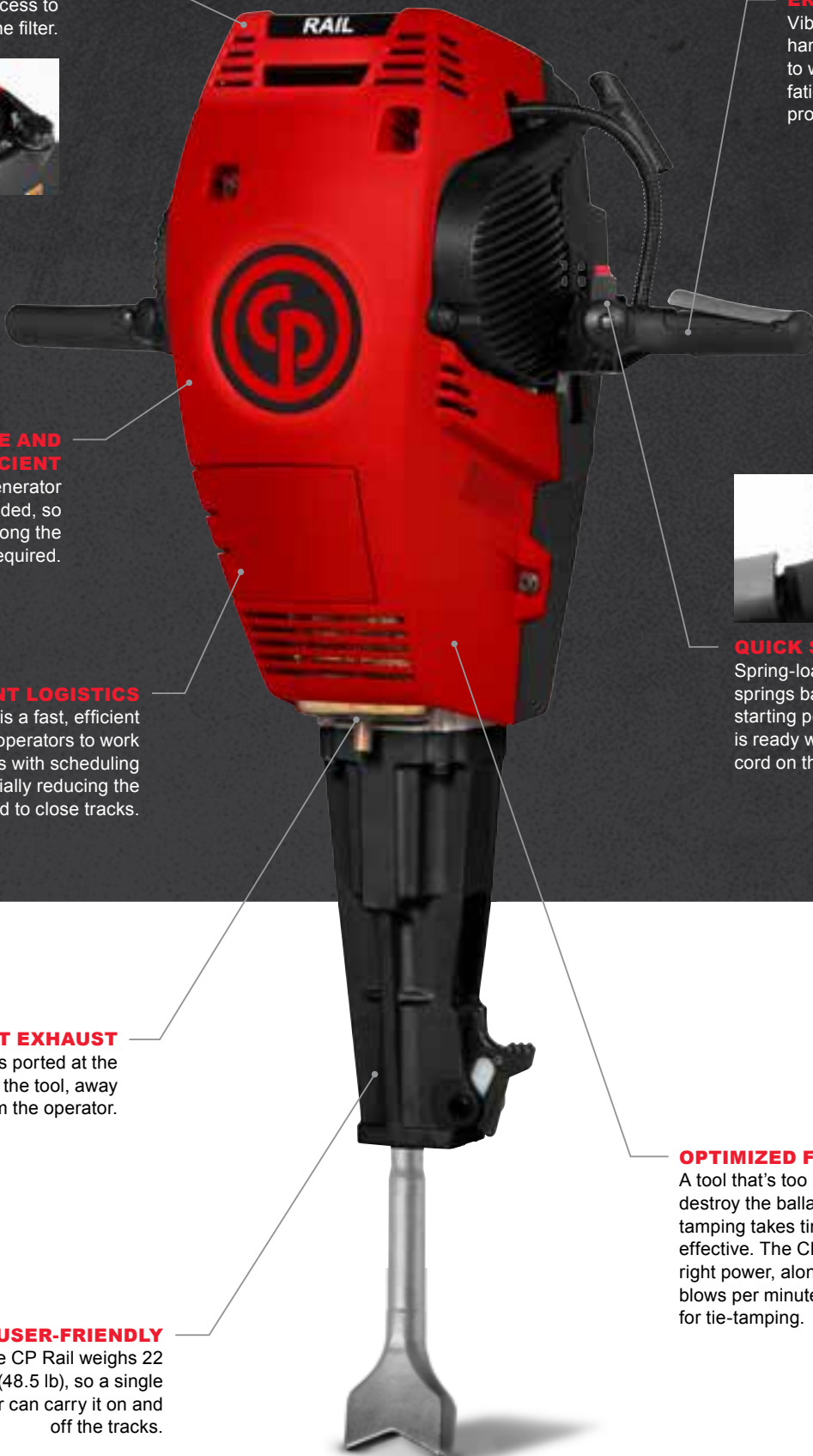
Exhaust is ported at the front of the tool, away from the operator.

USER-FRIENDLY

The CP Rail weighs 22 kg (48.5 lb), so a single operator can carry it on and off the tracks.

OPTIMIZED FOR RAIL

A tool that's too powerful can destroy the ballast, while manual tamping takes time and is less effective. The CP Rail has the right power, along with high blows per minute, which is ideal for tie-tamping.



CP DRILL

ONE TOOL. MANY USES.

Whether you're breaking a small patch of concrete or splitting a rock, the gasoline-powered CP Drill can finish the job. It can also drill up to 30 cm (11.8 in) per minute in solid granite.

Applications:

- Light service applications
- Installing signposts
- Breaking small areas of concrete
- Fencing work
- Splitting rock
- Digging holes in hard and frozen ground

IMPACT ENERGY

22-25 J (16-18 ft-lb)

BLOW FREQUENCY

2,700 bpm

WEIGHT

25 kg (55.1 lb)

LENGTH

732 mm (28.8 in)

VIBRATION LEVEL

5.8 m/s² (19.0 ft/s²)

BREAKING

9.3 m/s² (30.5 ft/s²)

DRILLING



**EASY TO MANEUVER**

A low center of gravity makes the tool easy to handle for excellent productivity.

ERGONOMIC DESIGN

Vibration-reducing handles allow operators to work longer with less fatigue. Hand throttle also provides excellent control.

CONVENIENT HANDLE

Operator can keep one hand on the throttle and push down or pull up on the side handle. The handle also makes the tool easy to carry.

COMBINATION DRILL/BREAKER

The multipurpose CP Drill combines breaking and drilling in one package, ideal for remote areas that are difficult to access. Flip the lever to switch from drilling to breaking.

**PORTABLE DESIGN**

No external power sources, hoses or cables are required. An optional wooden carrying box is also available, which fits in the trunk of a car.

Part Number: 9234 0011 25

MULTIPLE APPLICATIONS

Choose from a range of different working tools for cutting, breaking, drilling, driving, compacting and more.

**DRILLING PERFORMANCE**

A high impact rate, low impact energy and rotation provide a powerful combination for drilling. The tool can drill to depths of up to 2 m (6.6 ft), thanks to a built-in air-flushing device.



**TAKE
POWER
TO MORE
PLACES.**

HARNESS THE POWER OF MOBILITY

CP MOTOR DRILLS AND BREAKERS

CP MOTOR DRILLS AND BREAKERS	CP ROAD		CP RAIL		CP DRILL
Weight kg (lb)	22 (48.5)	22.5 (49.6)	22 (48.5)	22.5 (49.6)	25 (55.1)
Length mm (in)	743 (29.3)	793 (31.2)	743 (29.3)	793 (31.2)	732 (28.8)
Impact Energy J (ft-lb)	60 (44)	60 (44)	40 (30)	40 (30)	22-25 (16-18)
Blow Frequency bpm	1,440	1,440	1,620	1,620	2,700
Power kW	2	2	1.5	1.5	2
Motor cc	90, 2-stroke	90, 2-stroke	90, 2-stroke	90, 2-stroke	185, 2-stroke
Fuel Capacity l (gal)	1.0 (0.22)	1.0 (0.22)	1.0 (0.22)	1.0 (0.22)	1.2 (0.26)
Fuel Mix %	2	2	2	2	2
Fuel Consumption l/hour (gal/hour)	0.9 (.19)	0.9 (.19)	0.8 (.18)	0.8 (.18)	1.3-1.5 (.29-.33)
Alkylate Fuel	Yes	Yes	Yes	Yes	Yes
Vibration Levels 3-Axis (ISO 28927-10 on Dynaload) m/s ² (ft/s ²)*	7.0 (23.0)	7.0 (23.0)	6.7 (22.0)	6.7 (22.0)	5.8 (19.0) breaking; 9.3 (30.5) drilling
Sound Power Level (2000/14) dB(A)*	109	109	109	109	108
Part Number (ISO Standard Shank)					
Chuck Size Hex 22 x 108 mm (7/8 x 4-1/4 in)	—	—	—	—	8318 0900 40
Chuck Size Hex 25 x 108 mm (1 x 4-1/4 in)	8318 0900 61	—	8318 0900 63	—	—
Chuck Size Hex 28 x 160 mm (1-1/8 x 6-1/4 in)	—	8318 0900 25	—	8318 0900 35	—
Chuck Size Hex 32 x 160 mm (1-1/4 x 6-1/4 in)	8318 0900 21	8318 0900 43 ¹⁾	—	8318 0900 31	—
Part Number (US Shank)					
Chuck Size Hex 25 x 108 mm (1 x 4-1/4 in)	8318 0900 29	—	8318 0900 39	—	—
Chuck Size Hex 28 x 152 mm (1-1/8 x 6 in)	—	8318 0900 27	—	8318 0900 37	—
Chuck Size Hex 32 x 152 mm (1-1/4 x 6 in)	—	8318 0900 23	—	8318 0900 33	—

* Full details of measurement are available in the Safety and Operating Instruction of the product. It can be found on www.cpprintshop.com

¹⁾ Only available for China

Available from PTD (ISO version) CP Drill Kit: 8318090041, CP Drill with Trolley: 8318090042



CP ROAD

With 60 J (44 ft-lb) of impact, the CP road is one of the most compact and powerful motor-driven breakers on the market. And it's easy to move from task to task.



CP RAIL

Designed specifically for railway applications, the CP rail is a portable solution for tie tamping. Power is optimized for fast, efficient tamping without damaging the ballast.



CP DRILL

The multipurpose CP drill combines breaking and drilling in one package. This universal tool is ideal for light service jobs and working in remote locations.

ACCESSORIES & WORKING TOOLS

Count on Chicago Pneumatic for quality accessories that extend the performance and versatility of your CP Road, Rail or Drill. Whether you need working tools for specific jobs or a convenient way to transport the unit around your worksite, we offer the solutions that are made to fit your Motor Drills and Breakers.



CONVENIENT TROLLEY

Move your CP Motor Drills and Breakers around worksites with minimum effort.

Features:

- High quality, durable finish
- Large inflatable wheels for handling rugged terrain
- Easy (dis)mounting of the breaker
- Holds up to four working tools

Part Number: 9234 0006 54



CARRYING HARNESS

Transport your breaker to remote worksites with the optional carrying harness, which holds one CP Motor Drills and Breaker unit and four working tools.

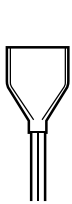
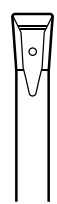
Features:

- Adjustable straps at the waist and shoulders
- Two storage compartments

Part Number: 9238 2814 10

WORKING TOOLS

SHANK TYPE (Metric)	SHANK TYPE (Imperial)	TOOL TYPE	WIDTH		WORKING LENGTH		TOTAL LENGTH		PART NUMBER
			mm	in	mm	in	mm	in	
Hex 25 x 108 mm US (Flat to Flat)	Hex 1" x 4-1/4" US (Flat to Flat)	Narrow Chisel	—	—	380	15	500	20	3083 3309 00
Hex 25 x 108 mm US (Flat to Flat)	Hex 1" x 4-1/4" US (Flat to Flat)	Narrow Chisel	—	—	450	18	570	22	3083 4031 10
Hex 25 x 108 mm US (Flat to Flat)	Hex 1" x 4-1/4" US (Flat to Flat)	Narrow Chisel	—	—	610	24	730	29	3083 4031 20
Hex 25 x 108 mm US (Flat to Flat)	Hex 1" x 4-1/4" US (Flat to Flat)	Wide Chisel	75	3	380	15	500	20	3083 3310 00
Hex 25 x 108 mm US (Flat to Flat)	Hex 1" x 4-1/4" US (Flat to Flat)	Asphalt Cutter	125	5	330	13	450	18	3083 4033 00
Hex 25 x 108 mm US (Flat to Flat)	Hex 1" x 4-1/4" US (Flat to Flat)	Clay Spade	125	5	410	16	530	21	3083 4035 00
Hex 25 x 108 mm US (Flat to Flat)	Hex 1" x 4-1/4" US (Flat to Flat)	Digging Spade	120	4-3/4	330	13	450	18	3083 3312 00
Hex 25 x 108 mm US (Flat to Flat)	Hex 1" x 4-1/4" US (Flat to Flat)	Tie Tamper	100	4	450	18	570	22	3083 3320 00
Hex 25 x 108 mm US (Flat to Flat)	Hex 1" x 4-1/4" US (Flat to Flat)	Posthole Pad	40	1-9/16	—	—	—	—	9245 2822 30
Hex 25 x 108 mm US (Flat to Flat)	Hex 1" x 4-1/4" US (Flat to Flat)	Tamping Pad (Round)	175	7	—	—	—	—	3083 3252 10
Hex 28 x 160 mm (Point to Flat)	Hex 1-1/8" x 6-1/4" (Point to Flat)	Narrow Chisel	—	—	380	15	545	21	3083 3274 00
Hex 28 x 160 mm (Point to Flat)	Hex 1-1/8" x 6-1/4" (Point to Flat)	Narrow Chisel	—	—	450	18	615	24	3083 3275 00
Hex 28 x 160 mm (Point to Flat)	Hex 1-1/8" x 6-1/4" (Point to Flat)	Narrow Chisel	—	—	1,000	39	1165	46	3083 3276 00
Hex 28 x 160 mm (Point to Flat)	Hex 1-1/8" x 6-1/4" (Point to Flat)	Wide Chisel	75	3	380	15	545	21	3083 3277 00
Hex 28 x 160 mm (Point to Flat)	Hex 1-1/8" x 6-1/4" (Point to Flat)	Asphalt Cutter	115	4-1/2	300	12	465	18	3083 3278 00
Hex 28 x 160 mm (Point to Flat)	Hex 1-1/8" x 6-1/4" (Point to Flat)	Clay Spade	140	5-1/2	380	15	545	21	3083 3281 00
Hex 28 x 160 mm (Point to Flat)	Hex 1-1/8" x 6-1/4" (Point to Flat)	Digging Chisel	75	3	380	15	545	21	3083 3279 00
Hex 28 x 160 mm (Point to Flat)	Hex 1-1/8" x 6-1/4" (Point to Flat)	Digging Spade	125	5	380	15	545	21	3083 3280 00
Hex 28 x 160 mm (Point to Flat)	Hex 1-1/8" x 6-1/4" (Point to Flat)	Tie Tamper	100	4	400	16	565	22	3083 3319 00
Hex 28 x 160 mm (Point to Flat)	Hex 1-1/8" x 6-1/4" (Point to Flat)	Tamping Pad (Round)	180	7	—	—	—	—	3083 3301 00
Hex 28 x 160 mm (Point to Flat)	Hex 1-1/8" x 6-1/4" (Point to Flat)	Tamping Pad (Square)	150	6	—	—	—	—	3083 3302 00
Hex 28 x 160 mm (Point to Flat)	Hex 1-1/8" x 6-1/4" (Point to Flat)	Tamping Pad (Square)	200	8	—	—	—	—	3083 3197 00
Hex 32 x 160 mm (Point to Flat)	Hex 1-1/4" x 6-1/4" (Point to Flat)	Narrow Chisel	—	—	380	15	545	21	3083 3208 00
Hex 32 x 160 mm (Point to Flat)	Hex 1-1/4" x 6-1/4" (Point to Flat)	Narrow Chisel	—	—	450	18	615	24	3083 3209 00
Hex 32 x 160 mm (Point to Flat)	Hex 1-1/4" x 6-1/4" (Point to Flat)	Narrow Chisel	—	—	1,000	39	1165	46	3083 3210 00
Hex 32 x 160 mm (Point to Flat)	Hex 1-1/4" x 6-1/4" (Point to Flat)	Wide Chisel	75	3	380	15	545	21	3083 3211 00
Hex 32 x 160 mm (Point to Flat)	Hex 1-1/4" x 6-1/4" (Point to Flat)	Asphalt Cutter	115	4-1/2	300	12	465	18	3083 3212 00
Hex 32 x 160 mm (Point to Flat)	Hex 1-1/4" x 6-1/4" (Point to Flat)	Clay Spade	140	5-1/2	380	15	545	21	3083 3215 00
Hex 32 x 160 mm (Point to Flat)	Hex 1-1/4" x 6-1/4" (Point to Flat)	Digging Chisel	75	3	380	15	545	21	3083 3213 00
Hex 32 x 160 mm (Point to Flat)	Hex 1-1/4" x 6-1/4" (Point to Flat)	Digging Spade	125	5	380	15	545	21	3083 3214 00
Hex 32 x 160 mm (Point to Flat)	Hex 1-1/4" x 6-1/4" (Point to Flat)	Tie Tamper	100	4	400	16	565	22	3083 3217 00
Hex 32 x 160 mm (Point to Flat)	Hex 1-1/4" x 6-1/4" (Point to Flat)	Tie Tamper	100	4	580	23	745	29	3083 3217 10
Hex 32 x 160 mm (Point to Flat)	Hex 1-1/4" x 6-1/4" (Point to Flat)	Tamping Pad (Round)	180	7	—	—	—	—	3083 3301 00
Hex 32 x 160 mm (Point to Flat)	Hex 1-1/4" x 6-1/4" (Point to Flat)	Tamping Pad (Square)	150	6	—	—	—	—	3083 3302 00
Hex 32 x 160 mm (Point to Flat)	Hex 1-1/4" x 6-1/4" (Point to Flat)	Tamping Pad (Square)	200	8	—	—	—	—	3083 3197 00
Hex 22 x 82.5 mm US (Flat to Flat)	Hex 7/8" x 3-1/4" US (Flat to Flat)	Posthole Pad	40	1-9/16	—	—	—	—	9245 2822 30
Hex 22 x 82.5 mm US (Flat to Flat)	Hex 7/8" x 3-1/4" US (Flat to Flat)	Tamping Pad (round)	175	7	—	—	—	—	3083 3252 10
Hex 22 x 108 mm US (Point to Flat)	Hex 7/8" x 4-1/4" US (Point to Flat)	Moil Point	-	-	350	14	470	19	3083 3228 00
Hex 22 x 108 mm US (Point to Flat)	Hex 7/8" x 4-1/4" US (Point to Flat)	Moil Point	-	-	480	19	600	24	3083 3229 00
Hex 22 x 108 mm US (Point to Flat)	Hex 7/8" x 4-1/4" US (Point to Flat)	Narrow Chisel	-	-	240	9-1/2	360	14	3083 3231 00
Hex 22 x 108 mm US (Point to Flat)	Hex 7/8" x 4-1/4" US (Point to Flat)	Narrow Chisel	-	-	340	13	460	18	3083 3230 00
Hex 22 x 108 mm US (Point to Flat)	Hex 7/8" x 4-1/4" US (Point to Flat)	Narrow Chisel	-	-	450	18	570	22	3083 4071 00
Hex 22 x 108 mm US (Point to Flat)	Hex 7/8" x 4-1/4" US (Point to Flat)	Wide Chisel	75	3	380	15	500	20	3083 3232 00
Hex 22 x 108 mm US (Point to Flat)	Hex 7/8" x 4-1/4" US (Point to Flat)	Wide Chisel	75	3	450	18	570	22	3083 4072 00
Hex 22 x 108 mm US (Point to Flat)	Hex 7/8" x 4-1/4" US (Point to Flat)	Asphalt Cutter	125	5	350	14	470	19	9245 2812 90
Hex 22 x 108 mm US (Point to Flat)	Hex 7/8" x 4-1/4" US (Point to Flat)	Clay Spade	125	5	350	14	470	19	3083 3235 00
Hex 22 x 108 mm US (Point to Flat)	Hex 7/8" x 4-1/4" US (Point to Flat)	Digging Chisel	75	3	280	11	400	16	3083 3233 00
Hex 22 x 108 mm US (Point to Flat)	Hex 7/8" x 4-1/4" US (Point to Flat)	Digging Spade	120	4-3/4	330	13	450	18	3083 3234 00
Hex 22 x 108 mm US (Point to Flat)	Hex 7/8" x 4-1/4" US (Point to Flat)	Frost Wedge	35	1-3/8	380	15	500	20	3083 3236 00
Hex 22 x 108 mm US (Point to Flat)	Hex 7/8" x 4-1/4" US (Point to Flat)	Wedge Hammer	42	1-5/8	195	7-3/4	315	12	3083 3241 00
Hex 22 x 108 mm US (Point to Flat)	Hex 7/8" x 4-1/4" US (Point to Flat)	Driver Blank	55	2-1/5	195	7-3/4	315	12	9245 2822 80
Hex 22 x 108 mm US (Point to Flat)	Hex 7/8" x 4-1/4" US (Point to Flat)	Tie Tamper	90	3-1/2	390	15	510	20	3083 3237 00
Hex 22 x 108 mm US (Point to Flat)	Hex 7/8" x 4-1/4" US (Point to Flat)	Tie Tamper	90	3-1/2	460	18	580	23	9245 2823 30
Hex 22 x 108 mm US (Point to Flat)	Hex 7/8" x 4-1/4" US (Point to Flat)	Shaft	-	-	185	7-1/4	305	12	3083 3238 00
Hex 22 x 108 mm US (Point to Flat)	Hex 7/8" x 4-1/4" US (Point to Flat)	Driver Pad	100	4	-	-	-	-	9245 2817 90
Hex 22 x 108 mm US (Point to Flat)	Hex 7/8" x 4-1/4" US (Point to Flat)	Posthole Pad	40	1-9/16	-	-	-	-	9245 2822 30
Hex 22 x 108 mm US (Point to Flat)	Hex 7/8" x 4-1/4" US (Point to Flat)	Tamping Pad (Round)	175	7	-	-	-	-	3083 3252 10

Asphalt
CutterDigging
ChiselNarrow
ChiselWide
Chisel7/8 in.
Drill SteelDriver
PadDigging
SpadeClay
SpadeSquare
Tamping PadRound
Tamping PadTie
Tamper

Construction equipment portfolio

Air compressors



Small air

- 2-7 m³/min
- 5.5-12 bar



Medium air

- 7-26 m³/min
- 7-17 bar



Large air

- 16-51 m³/min
- 7-28 bar

Handheld tools



Pneumatic tools

- Breakers (13.5-43.5 kg)
- Hammers (4.3-15.4 kg)
- Rock drills (14.7-29.5 kg)
- Additional air tools



Hydraulic tools

- Hammers and Breaker (12-39 kg)
- Power packs
- Additional hydraulic tools



Motor driven tools

- Breakers (22.5 kg)
- Motor drills (25 kg)
- Tie tampers (22.5 kg)

Generators



- Mobile
- Stationary
- Portable

Light towers



- Diesel LED and MH
- Electric LED

Dewatering pumps



- Surface
- Submersible
- Small package

For more information, please contact your CP partner:

Use only authorized parts. Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability.