



DOWEL PIN DRILLS



Pneumatic & Hydraulic



Helping Pave the World Since 1968

Drill Features

Guide Wheels
for fast repositioning
for all self-propelled
machines

**Bolt On
Guide Wheels**
allows drilling within
152mm of corner

**Heavy-Duty
Feed Cylinders**
with oversized rods and
cast iron rod bushings

**Adjustable Rail
Spacing**
from 304mm to 762mm

**Hardened
Bushings and
Alloy Pins**

**Adjustable Drill
Guide Position**
to accommodate
different styles of
drill steel

**45° Angled
Rail Tube**
to help prevent
dust build-up

**127mm x 51mm x
11mm
MD Nylon
Rail Bearing**
516cm² total area
per rail

**Hardened Guide
Bushings**
in 6 different sizes

Stop Rod
for adjusting drill
depth

*Specifications shown are standard.
Variations to the standard are available.*

General Purpose



Two wheel on-grade for more accurate drilling



Vertical configuration for vertical applications

One wheel on-grade for drilling 152.4mm to corner

Wall configuration for zero clearance drilling

A-1 Single On-grade Unit

The A-1 can be configured four different ways. There is no need to purchase extra conversion kits.



Configuration for skew drilling applications



A-1CL Single On-slab Unit

- Three position drilling with 1219mm unit - Horizontal, Vertical, 35° Stitch
- Two Position drilling with 914mm, 762mm and 610mm unit - Horizontal and Vertical
- Skew drilling capable
- Adjustable drill height and depth

Specifications shown are standard. Variations to the standard are available.

A-1 and A-1CL Specifications 1219mm

914mm

762mm

610mm

	1219mm	914mm	762mm	610mm
Drill Steel Shank	22mm x 108mm	22mm x 108mm	22mm x 83mm	22mm x 83mm
Drill Steel Length Under Collar	610mm	305mm	305mm	229mm
Drill Bit Diameter	16mm to 64mm	16mm to 64mm	16mm to 41mm	16mm to 25mm
*Maximum Drill Depth	457mm	254mm	254mm	178mm
Drill Distance From Top Of Slab	76mm to 305mm	76mm to 305mm	76mm to 305mm	76mm to 305mm
Minimum Cutout Width	1219mm	914mm	762mm	610mm
SCFM Required	92.2 SCFM	92.2 SCFM	75 SCFM	36 SCFM
PSIG Required	90 PSIG	90 PSIG	90 PSIG	90 PSIG
A-1 Weight	91kg	84kg	77kg	68kg
A-1-CL Weight	197kg	181kg	166kg	154kg

* Based on 2 piece steel and bits. Whirlybits should be 25mm longer for maximum drilling depth.

On-slab

A-1C Single On-slab Unit With Steering

- Three position drilling
 - Horizontal, Vertical, 35° Stich
- Flat proof tires
- Adjustable drill height and depth
- Skew drilling capable



A-2C Double On-slab Unit With Steering

- Three position drilling
 - Horizontal, Vertical, 35° Stich
- Flat proof tires
- Larger Oiler for easy maintenance
- Adjustable drill height and depth and centers



Specifications shown are standard.
Variations to the standard are available.



A-1C Specifications

Drill Steel Shank	22mm x 108mm
Drill Steel Length	610mm Under Collar
Drill Bit Diameter	16mm to 64mm
*Maximum Drill Depth	457mm
Drill Distance From Top Of Slab	64mm to 324mm
Minimum Cutout Width	1219mm
SCFM Required	92.2 SCFM
PSIG Required	90 PSIG
Weight	318kg

A-2C Specifications

Drill Steel Shank	22mm x 108mm
Drill Steel Length	610mm Under Collar
Drill Bit Diameter	16mm to 64mm
*Maximum Drill Depth	457mm
Drill Distance From Top Of Slab	38mm to 298mm
Minimum Cutout Width	1219mm
SCFM Required	92.2 SCFM
PSIG Required	90 PSIG
Weight	408kg

* Based on 2 piece steel and bits.
Whirlybits should be 25mm longer for maximum drilling depth.

Self-propelled

A-2SC/A-3SC On-slab Self-propelled Unit With Skid-steering

- Horizontal and vertical drilling
- Skew drill bed is available on A-2SC
- On-grade kit is available
- Capable of towing air compressor
- Crab steering
- Paint marker
- Urethane filled tires
- Adjustable drill height, depth and centers
- Auto control is available

A-3SCW / A-4SCW / A-5SCW On-slab Self-propelled Wireless Unit With Steering

- Horizontal and vertical drilling
- Adjustable drill height and depth
- Capable of towing air compressor
- Power steering
- Power crab-steering
- Pointer assembly
- Solid rubber tires
- Power brakes
- Auto control
- Wireless control
- Skew drill bed is available on A-3SCW and A-4SCW
- On-grade kit is available



Specifications shown are standard. Variations to the standard are available.

Unit shown with optional dust collection system

A-2SC/A-3SC Specifications

Drill Steel Shank	22mm x 108mm
Drill Steel Length	610mm Under Collar
Drill Bit Diameter	16mm to 64mm
*Maximum Drill Depth	457mm
Drill Distance From Top Of Slab	89mm to 305mm
Minimum Cutout Width	1219mm
SCFM Required	92.2 SCFM
PSIG Required	110 PSIG
Weight (A-2SC)	900kg
Weight (A-3SC)	1021kg

A-3SCW, A-4SCW, A-5SCW Specifications

Drill Steel Shank	22mm x 108mm
Drill Steel Length	610mm Under Collar
Drill Bit Diameter	16mm to 64mm
*Maximum Drill Depth	457mm
Drill Distance From Top Of Slab	89mm to 305mm
Minimum Cutout Width	1219mm
SCFM Required Per Drill	92.2 SCFM
PSIG Required	110 PSIG
Weight (A-3SCW)	1388kg
Weight (A-4SCW)	1479kg
Weight (A-5SCW)	1569kg

* Based on 2 piece steel and bits.
Whirlybits should be 25mm longer for maximum drilling depth.

Attachments



Unit shown with optional skid loader side shift mount for easier positioning

A-2/A-6 Equipment Mounted Air Unit

- Side shift is standard on A-2 and A-3
- Side shift is optional on A-4 thru A-6
- Adjustable height, depth and drill centers
- Backhoe or skid loader mounted



Wireless Control and Power Rotation available on all pneumatic and hydraulic machine mounted drill units.

Specifications shown are standard. Variations to the standard are available.

H-2/H-6 Equipment Mounted Hydraulic Unit

- Side shift is available
- 330° drill bed rotation
- Includes oil cooler
- Adjustable height, depth and drill centers



- Includes valving for most equipment with auxiliary circuit
- Backhoe or skid loader mounted

A-2V Equipment Mounted Hydraulic Unit



A-2/A-6 Specifications

Drill Steel Shank	22mm x 108mm
Drill Steel Length	610mm Under Collar
Drill Bit Diameter	16mm to 64mm
*Maximum Drill Depth	457mm
Drill Distance From Top Of Slab	76mm to 305mm
Minimum Cutout Width	1219mm
SCFM Required Per Drill	92.2 SCFM
PSIG Required	90 PSIG
Weight A-2	567kg
Weight A-3	681kg
Weight A-4	794kg
Weight A-5	907kg
Weight A-6	964kg

A-2V Specifications

Drill Steel Shank	25mm x 108mm
Drill Steel Length	610mm Under Collar
Drill Bit Diameter	16mm - 64mm
*Maximum Drill Depth	406mm
Hole Spacing	1524mm to 3048mm
SCFM Required Per Drill	120 SCFM
PSIG Required	120 PSIG

H-2/H-6 Specifications

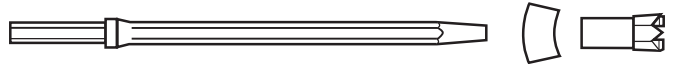
Drill Steel Shank	22mm x 108mm
Drill Steel Length	610mm Under Collar
Drill Bit Diameter	16mm to 51mm
*Maximum Drill Depth	457mm
Drill Distance From Top Of Slab	76mm to 305mm
Minimum Cutout Width	1219mm
Hydraulic Requirements	
GPM Required Per Drill	10 GPM
PSIG Required	2000 PSIG
Air Requirements	
SCFM Required Per Drill	15 SCFM
PSIG Required	90 PSIG
Weight H-2	567kg
Weight H-3	681kg
Weight H-4	794kg
Weight H-5	907kg
Weight H-6	964kg

Options

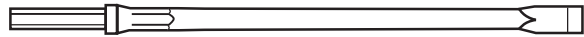


Dust Collection System for dust control on job site

Drill Steel and Bits



2 PIECE TAPER STEEL AND BIT



1 PIECE STEEL AND BIT



"H" THREAD STEEL AND BIT

On-grade Kit



Wireless Power Rotation for machine mounted units



Skewed Bed for skewed patches



Rock Drill Oil





Special Applications



***A-4SD Vertical
Equipment mounted drill
that can drill in five different
configurations.***



***A-3SD Vertical
Quarry drill with a
3658mm drill depth.***



***A-4SD Vertical
Equipment mounted drill
used in tunnel construction.***



***A-2SD Vertical
Equipment mounted
drill used for drilling
on foundations***



***A-8SC-SD with bed
extension folded for
transport.***



***A-4SD Core Drill
used for light rail
construction.***

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