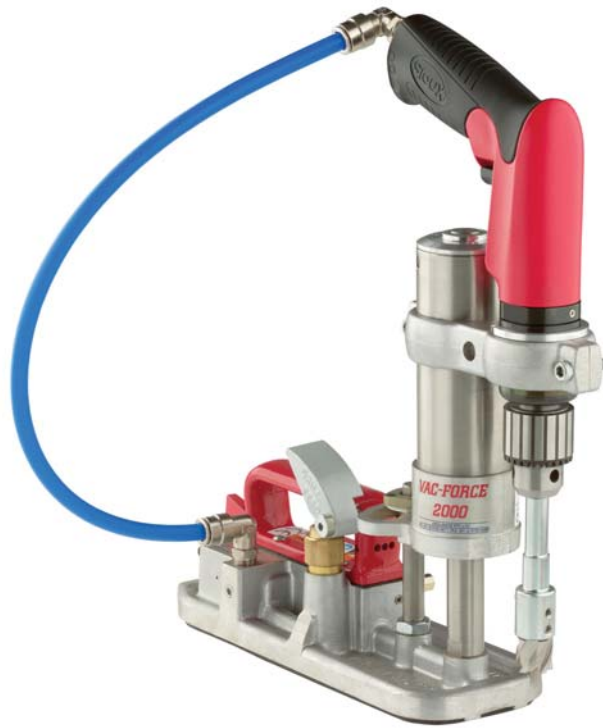




VAC-FORCE

We Make Drilling
A Hole Lot Easier

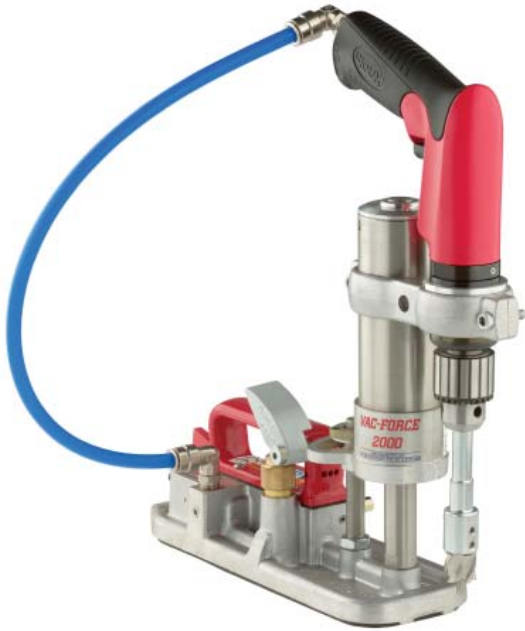


ACCESSORIES



**SIoux
TOOLS INC.**

250 SNAP-ON DRIVE ■ PO BOX 1596 ■ MURPHY, NC 28906 ■ USA ■ Phone: 800-722-7290 ■ www.siouxtools.com



**Drill Sold Separately*

Applications for Vac-Force

- Hole cutting through steel, stainless steel, aluminum, concrete, marble, granite, and other surfaces where vacuum can be satisfactorily generated, or where a magnetic based drill can not be used
- Overhead drilling where a light weight machine is required
- Drilling in a vertical plain
- Drilling underwater for ship, boat repairs and maintenance, and on offshore oil rigs
- Drilling in a dangerous environment i.e. oil refineries, chemical plants, or a wet environments where electricity cannot be used to safely operate machinery
- Hole cutting through pipe, tube and round/curved surfaces using the Pipe-Vac attachment
- Repetitive hole cutting where a light weight unit is required
- Fabricators, boiler makers, pressure vessel manufacturers, shipbuilders, and in any industry requiring safe, efficient and accurate hole drilling/cutting
- Ideal in Non-Ferrous environment
- Ideal in the Aerospace Industry - Vacuum will lock onto exotic and composite materials
- Ideal in the Sheetmetal Industry - Vacuum will lock on, magnets will not, due to insufficient material
- Transportation Industry - Drilling of chassis, rails etc.

Vac-Force - Model 1557

Vac-Force is the safe, effortless way to drill holes in virtually any material. The vacuum base clamps to the drilling surface and an air feed cylinder pushes the cutter through without any effort by the operator. Control is indirect through the drill feed lever, providing a more consistent rate and removing the operator from any torque reaction. A built-in safety valve will only supply air to the drill once the vacuum pad is secured to the work surface.

The Vac-Force goes where magnetic based drills can't. It adheres to most surfaces including thin materials, and because it is a vacuum system it won't damage the surface where it is attached. It's easy to set up, and allows for rapid hole cutting and drilling for increased productivity.



*Fast, efficient thread tapping
up to 1/2" (13 mm)*

Professional Hole Broach System

Cut your "Hole" costs

Designed by Professionals for Professionals

Sioux cutters are specially designed to suit the Drillmate & Vac-Force range of products, and to further reduce the cost of producing holes. Sioux cutters can also be used in pedestal drills and the like.

ADVANTAGES

1. Titanium coated - less friction longer life
2. Thinner wall reduces power requirement and improves hole production
3. M42 Grade material gives longer cutter life and reduces sharpening requirements
4. Pin drill point means easier to start and less likelihood of cutter skip
5. Cutting depth of 5/8" (16 mm)
6. Shank design of 3/8" with set screw lock; Easy to use
7. Available both in metric and imperial sizes
8. 5 Cutters per set 12 mm - 20 mm or 1/2" to 7/8"
9. Individual and replacement cutters available



What's In the Kits

278 - Kit includes:

- HB01 - Arbor • HB03 - Allen Key
- HB02 - Pin • Case
- 5 Cutters (1/2", 9/16", 5/8", 3/4", 7/8")

279 - Hole Broach Kit includes:

- HB01 - Arbor • HB03 - Allen Key
- HB02 - Pin • Case
- 5 Cutters (12, 14, 16, 18 & 20 mm)

Imperial

Sioux Part Number	Broach Cutter Size - Imperial
HB437	7/16"
HB500	1/2"
HB562	9/16"
HB625	5/8"
HB750	3/4"
HB875	7/8"
HB100	1"

Metric

Sioux Part Number	Broach Cutter Size - Metric
HB12M	12 mm
HB13M	13 mm
HB14M	14 mm
HB16M	16 mm
HB18M	18 mm
HB20M	20 mm
HB24M	24 mm

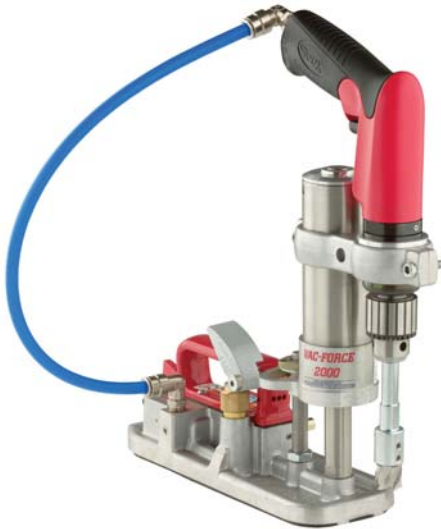


— We Make Drilling A Hole Lot Easier!

VAC-FORCE



ACCESSORIES



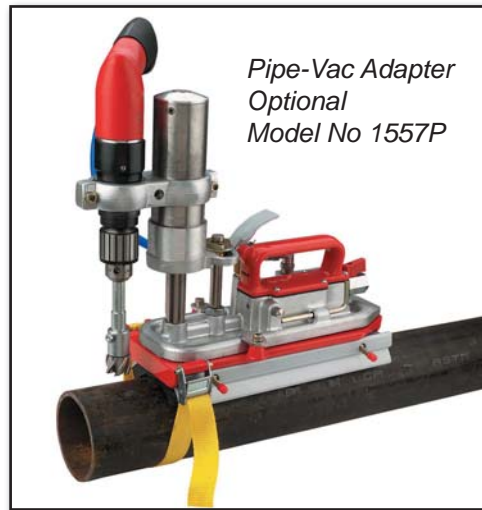
Vac-Force Specifications

- Length: 11" (280 mm)
- Width: 3.75" (95 mm)
- Weight (less drill): 7.6 lbs (3.5 kg)
- Air Supply (minimum): 2.0 CFM at 85 psi
(0.06 m³ /min at 600 kPa)
- Inlet: 1/4" NPT

**Drill Sold Separately*



*Shown with optional
air feed lubricator
Model No 1557L*



*Pipe-Vac Adapter
Optional
Model No 1557P*

SIoux TOOLS INC.



250 Snap-on Drive
P.O. Box 1596
Murphy, North Carolina USA 28906
PH: 828.835.9765
FAX: 828.835.9685
TOLL FREE: 866.259.7291
TOLL FREE FAX: 800.722.7236
Benelux
Tel.: (N) 31 (0) 20 568 26 63
(B) 32 (0) 14 23 19 67
Fax: (N) 31 (0) 20 568 26 60
(B) 31 (0) 14 23 26 27
e-mail: snap@snap-on.nl

Latin America
Tel.: 305-271-0944
Fax: 305-271-7152
e-mail: latinamerica.caribbean@snapon.com
Germany
Tel.: 49 2104 9509-0
Fax: 49 2104 9509-99
e-mail: snapon.industrial@snapon.com
Italy
Tel.: 00 39 02 66 04 53 70
Fax: 00 39 02 61 29 78 15
e-mail: indus.italia@snapon.com

United Kingdom
Tel.: 44 (0) 1536-413904
Fax: 44 (0) 1536-413874
e-mail: industrialuk@snapon.com
Asia
Tel.: 65-6451-5570
Fax: 65-6451-5574
email: esales.sg@snapon.com
Australia
Tel.: 61 2 9837 9100
Fax: 61 2 9624 2578
e-mail:
SOTA.customerservice@snapon.com



ZML0030
PRINTED IN USA
2007May