

# Swade-Sir™

MACHINE TOOLS EST. 1942

## Power Operated Pipe Benders

Capacities: 50mm NB, 80mm NB, 100mm NB

- Engineered from the Highest quality materials
- 90° One-Shot Bends (all models)
- Hardened and ground ram
- Standard 'Cathedral' type formers for Cold Rolled NB Pipe
- Automatic cut-off switch for repetitive, accurate bends (most models)
- Simple set up and operation
- Portable and accurate
- Guaranteed workmanship
- After sales tooling service



Illustrated: Model No 16B-C  
50mm NB Capacity  
0.75 kW Electric-Hydraulic

Swadesir Power Hydraulic Pipe Benders are designed to bend both hot and cold rolled nominal bore pipe, heavy gauge steel tube and also steel tube and flat bar section (with optional attachments).

The bending operation is simple and the tooling is quick and easy. Filling or heating of pipe is not necessary.

The benders are portable and do not require bolting down. Stands are also available.

Benders are available in single phase 240 V electric-hydraulic or air-hydraulic operation.



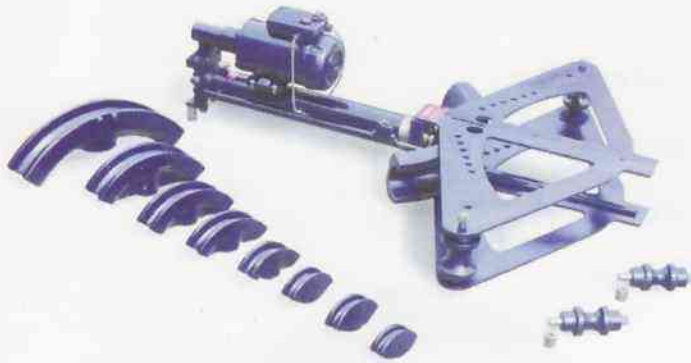
**dm** DELAHENTY MACHINERY PTY. LTD.  
Machine Tool Merchants

14 Parkhurst Drive Knoxfield Victoria Australia 3180  
Tel: (03) 9800 1544 Fax: (03) 9800 1344  
[www.delahenty.com.au](http://www.delahenty.com.au)

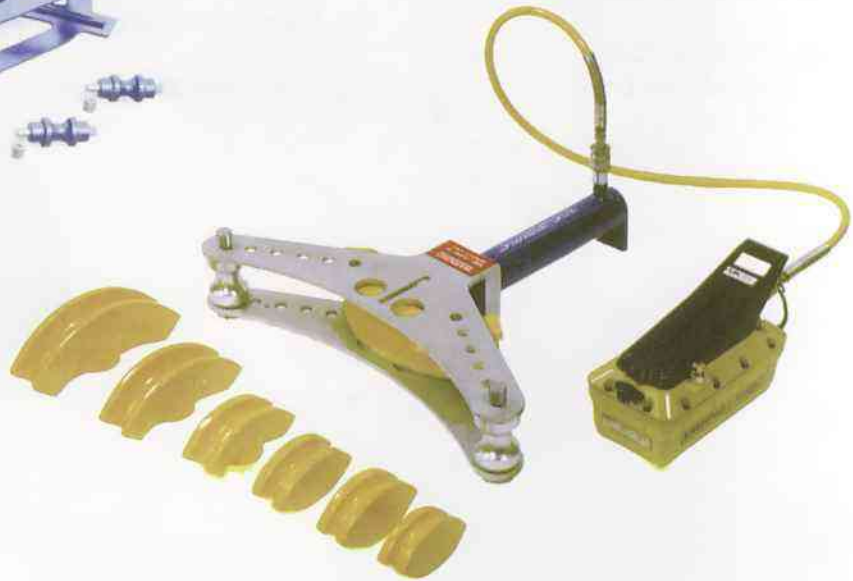
# Swade-Sir™

MACHINE TOOLS EST. 1942

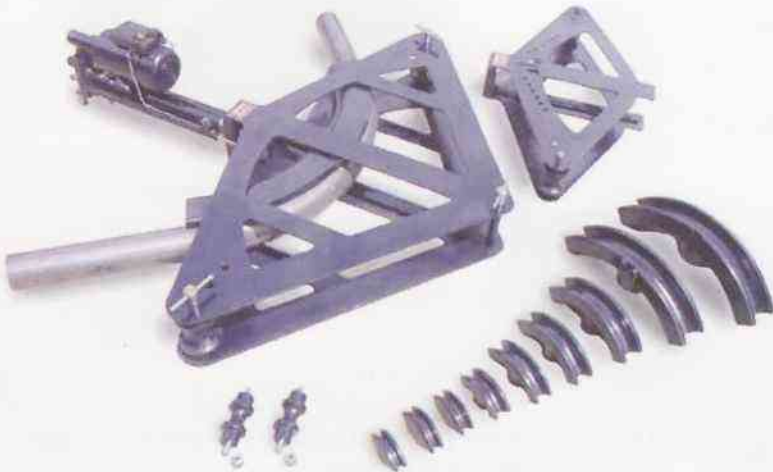
## Power Operated Pipe Benders



Illustrated: Model 18B-C  
80mm NB Capacity  
1.5 kW Electric-Hydraulic



Illustrated: Model PH50A  
50mm NB Capacity  
Air-Hydraulic Operated



Illustrated: Model 20B-C  
100mm NB Capacity  
1.5 kW Electric-Hydraulic



**dm** DELAHENTY MACHINERY PTY. LTD.  
Machine Tool Merchants

14 Parkhurst Drive Knoxfield Victoria Australia 3180  
Tel: (03) 9800 1544 Fax: (03) 9800 1344  
[www.delahenty.com.au](http://www.delahenty.com.au)

# Swade-Sin™

M A C H I N E T O O L S E S T . 1 9 4 2

## Power Operated Pipe Benders

### Specifications

Bender Model No.	16B-C	PH50A	PH50E	18B-C	20B-C
Operation	0.75kW Electric	Air Pump	0.375 kW Electric	1.5 kW Electric	1.5 kW Electric
Limit Switch	Yes	N/A	N/A	Yes	Yes

Net Weight 56 KG 34 KG 38KG 260 KG 450 KG

Standard Cathedral Formers for Cold Rolled Medium & Heavy Pipe

Former Size	Pipe OD	Formers Supplied with Machine (Part Nos.)					Centre Line Radius
10mm NB (3/8"NB)	17.2 mm	15B-32G	15B-32G	15B-32G	15B-32G	15B-32G	70mm (2 3/4")
15mm NB (1/2" NB)	21.3 mm	15B-32F	15B-32F	15B-32F	15B-32F	15B-32F	85mm (3 1/4")
20mm NB (3/4" NB)	26.9 mm	15B-32E	15B-32E	15B-32E	15B-32E	15B-32E	85mm (3 1/4")
25mm NB (1" NB)	33.7 mm	15B-32D	15B-32D	15B-32D	15B-32D	15B-32D	100mm (4")
32mm NB (1 1/4" NB)	42.4 mm	15B-32C	15B-32C	15B-32C	15B-32C	15B-32C	135mm (5 1/4")
40mm NB (1 1/2" NB)	48.3 mm	15B-32B	15B-32B	15B-32B	15B-32B	15B-32B	170mm (6 5/8")
50mm NB (2" NB)	60.3 mm	15B-32A	15B-32A	15B-32A	15B-32A	15B-32A	200mm (8")
65mm NB (2 1/2" NB)	76.1 mm	N/A	N/A	N/A	17B-95	17B-95	356mm (14")
80mm NB (3" NB)	88.9 mm	N/A	N/A	N/A	17B-96	17B-96	356mm (14")
100mm NB (4" NB)	114.3 mm	N/A	N/A	N/A	N/A	20B-107	610mm (24")

#### Approximate Bend Times 90 degree Bend (seconds)

10mm NB (3/8"NB)	10	13	15	10	10
15mm NB (1/2" NB)	12	14	18	12	12
20mm NB (3/4" NB)	15	15	20	15	15
25mm NB (1" NB)	18	17	22	18	18
32mm NB (1 1/4" NB)	20	24	26	20	20
40mm NB (1 1/2" NB)	25	30	32	25	25
50mm NB (2" NB)	30	37	35	30	30
65mm NB (2 1/2" NB)	N/A	N/A	N/A	38	38
80mm NB (3" NB)	N/A	N/A	N/A	48	48
100mm NB (4" NB)	N/A	N/A	N/A	N/A	60

Formers for Hot Rolled NB Pipe  
or Extra Heavy Cold Rolled Pipe

Former Size	Pipe OD	Part No
10mm NB (3/8"NB)	17.2 mm	15B-32OCG
15mm NB (1/2" NB)	21.3 mm	15B-32OCF
20mm NB (3/4" NB)	26.9 mm	15B-32OCE
25mm NB (1" NB)	33.7 mm	15B-32OCD
32mm NB (1 1/4" NB)	42.4 mm	15B-32OCC
40mm NB (1 1/2" NB)	48.3 mm	15B-32OCB
50mm NB (2" NB)	60.3 mm	15B-32OCA

Formers for Heavy Wall Hydraulic Tube  
or Heavy Wall Aluminium Tube

Former Size	Part No	Centre Line Radius
12.7mm OD	15B-32GCG	70mm (2 3/4")
19mm OD	15B-32GCE	85mm (3 1/4")
25.4mm OD	15B-32GCD	85mm (3 1/4")
31.8mm OD	15B-32GCC	100mm (4")
38.1mm OD	15B-32GCB	135mm (5 1/4")
50.8mm OD	15B-32GCA	170mm (6 5/8")

\* Pipe benders are not suitable for Extra Light Pipe



All specifications subject to change without notice

**dm** DELAHENTY MACHINERY PTY. LTD.  
Machine Tool Merchants

14 Parkhurst Drive Knoxfield Victoria Australia 3180  
Tel: (03) 9800 1544 Fax: (03) 9800 1344  
www.delahenty.com.au