Presse à Découper à Bras Tournant, Modèle SB-A

Cette presse découpera une large variété de pièces, dans des épaisseurs variables de matériaux naturels ou synthétiques, en plaques ou en rouleaux. Des outils simple ou multi-poses peuvent être utilisés.

L' Utilisation

Le réglage est facile. L'emporte-pièce est placé sur le billot, et le bras au-dessus de ce dernier. Le réglage de l'ouverture s'effectue alors par une simple action sur une molette manuelle située sur le bras. Aucun besoin de "donner un coup de presse" pour ajuster l'ouverture.

La profondeur de découpe est réglée en utilisant le potentiomètre également situé sur le bras de la presse. La SB-A est équipée, en standard, à la fois d'un réglage par temporisation et d'un réglage de la pression, ce qui permet à l'opérateur de choisir la meilleure méthode, en fonction du type de découpe et de l'outil utilisé.

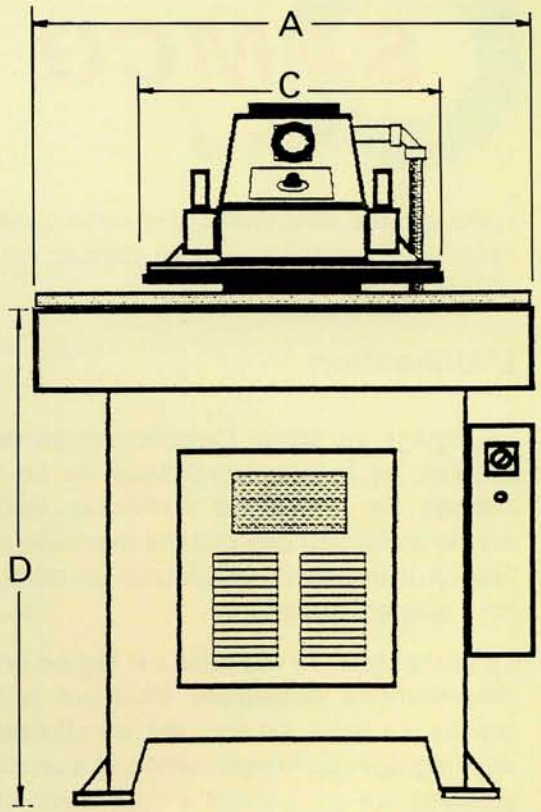
L'opérateur déplace le bras manuellement au-dessus de la lame de l'emporte-pièce et commande l'opération de découpe en pressant simultanément les deux boutons placés sur le haut des poignées. Une fois la course de découpe terminée, le bras remonte automatiquement. L'opérateur déplace le bras sur le côté, dégageant ainsi la table pour la collecte des pièces et le repositionnement de l'outil.

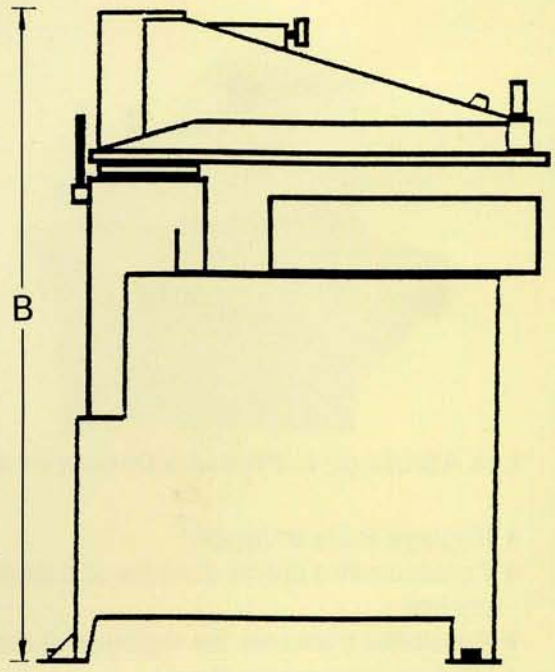
Les Atouts de la Presse a Decouper a Bras Tournant SB-A

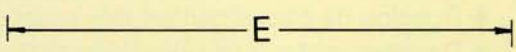
- Réglage facile et rapide.
- Potentiomètre précis situé sur le bras de la presse, pour une bonne visibilité de la position choisie.
- Possibilité d'alterner les réglages par temporisation ou par pression grâce à un interrupteur.
- Vitesse de découpe élevée.
- Commande bi-manuelle sécurisante.
- Position de travail confortable grâce la forme ergonomique de la table.
- Dégagement sur l'arrière de la table, permettant de placer une peau ou un rouleau.
- Une construction très rigide assure un minimum de déflexion, et donc une découpe uniforme. Ceci minimise la pénétration dans le billot, donc son usure prématurée, laissant toute la puissance utile pour la découpe.

Caracteristiques Techniques - Presse a Decouper a Bras Tournant Modele SB-A

Hauteur:	(De Travail):	D: 970mm
	(Totale):	B: 1300mm
Profondeur:	(Totale):	E: 935mm
Largeur:	(Machine):	A: 900mm
	(avec le bras sur le côte):	1450mm
Poids:		570kgs
Largeur utile du Bras:		C: 370mm
Dimensions de la table:		900mm x 430mm
Capacité d'huile:		35 lts
Puissance:	(maxi):	20 tonnes
Ouverture sans billot:	(maxi):	120mm
	(mini):	40mm
Course de découpe:	(maxi):	80mm
	(mini):	5mm
Vitesse de descente:		100mm/sec.
Vitesse de remontée:		110mm/sec.
Consommation électrique:		0,75kw
Branchement électrique:		220/380v - 50Hz.
		208/460v - 60Hz.
Niveau de bruit:		dBa







La Presse à Découper à Bras Tournant SB-A est conforme aux directives 89/392 CEE (identification CE), 89/336 CEE (compatibilité électro-magnétique), et 73/23 CEE (basse-tension), ainsi qu' aux standards et normes suivants:

D.P.R. 459 (du 24/07/1996):	Normes pour la prévention des accidents du travail.
EN 292 I/II:	Sécurité des machines. Concepts de base et règles générales de protection.

TECHNICAL SPECIFICATION

MODEL	SB-25	SB -A	SB -B	SB -C
Cutting Area Width	98%			
Cutting Pad Area	900 x 450mm or 1000 x 500mm	900 x 430mm	1000 x 500	1200 x 500
Working Height	900 - 1030mm	970mm		
Working Height if anti-vibration mounts fitted	plus 10mm			
Striking Plate Width		370mm		
Arm width			500mm	500mm
Motor Power	1.5HP	1.5HP	1.5HP	1.5HP
Cutting Force	25 Tons	20 Tonnes	25 Tons	27 Tons
Cutting Stroke maximum	150mm	80mm	100mm	100mm
Cutting Stroke minimum	7mm	5mm	5mm	5mm
Daylight without cutting pad maximum	180mm	120mm		
Daylight without cutting pad minimum	30mm	40mm	40mm	40mm
Downstroke Speed	92mm/sec	100mm/sec	100mm/sec	100mm/sec
Upstroke Speed	150mm/sec	110mm/sec	110mm/sec	110mm/sec
Electrical Supply	3x 220/380V 50Hz	3x 220/380V 50Hz	3x 220/380V 50Hz	3x 220/380V 50Hz
Electrical Supply with multi range motor	3x 208-460V 50/60Hz	3x 208-460V 50/60Hz	3x 208-460V 50/60Hz	3x 208-460V 50/60Hz
Electrical Consumption	2.4kW	0.75kW	2.4kW	2.4kW
Weight without oil	800kg	570kg		
Net Weight with oil			840kg	900kg
Noise Level	63dBA	70dBA	70dBA	70dBA
Oil Capacity	54 litres	35 litres	54 litres	54 litres
Overall Width	900mm/1000mm	900mm	1000mm	1200mm
Overall Width including swing beam range	1560mm	1450mm	1550mm	1750mm
Overall Depth	1020mm	935mm	1000mm	1000mm
Overall Height maximum	1775mm	1300mm	1370mm	1370mm
Overall Height minimum	1495mm			
Size	1100 x1150mm	900 x 935mm	1000 x 1000mm	1200 x 1000mm
Height			1370mm	1370mm
Beam Widths	380, 470, & 550mm	370mm	500mm	500mm
SEAWORTHY PACKAGING				
Size	1200 x 1200mm	1100 x 1100mm	1150 x 1150mm	1350 x 1150mm
Height	1800mm	1570mm	1570mm	1570mm
Width	1200mm			
Depth	1200mm			
Weight without oil	1060kg			
Gross weight with sea packing			980kg	1040kg
Gross volume with sea packing			2.10m^3	2.4m^3
ON PALLETT				
Height	1750mm			
Width	1100mm			
Depth	1150mm			
Weight without oil	900kg			

samco swing beam cutting presses

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samco swing beam cutting presses

SB-25 SB-A SB-B SB-C

The SB-25 represents a completely novel design principle which revolutionises cutting on a Swing Beam Cutting Machine.

Innovative Design

A robust swing beam is mounted on a stationary column by two special bushes and a balancing system. This produces minimal deflection of the swing beam during cutting and permits easy, fast and accurate beam positioning due to the very low swing force requirements. The machine is controlled by a microprocessor.

Operator Friendly

Very low swing force requirements of only 200 to 400 grams (depending on width of beam) greatly reduce operator fatigue.

Absolutely constant depth of cut at any position throughout the cutting area eliminates the need for double cuts.

Adjustable working height resulting in optimal view of work and ergonomic working conditions for any operator.

No oil on the column eliminates risk of oil stains on the work.

Electronic operator controls with digital displays for:

- depth of cut
- daylight
- cutting stroke counter
- maintenance diagnostics

are conveniently grouped on the swing beam.

High Productivity

- High cutting stroke (92mm/sec) and return stroke (150mm/sec) speeds.
- No need for double cuts.
- Greatly reduced operator fatigue.
- 98% utilization of cutting area can be achieved.

Accurate

25 tons of cutting force

Minimal beam deflection combined with the machine control system, and for exceptional cases the optional two trip buttons for different penetration depths, give excellent cutting results for any size of cutting die, and any kind of material, with repeated accuracy.

Substantially reduced wear of cutting pad, striking face, and cutting dies.

Versatile

Three widths of cutting beams are available 380mm, 470m and 550mm (15", 18.5" and 21.5").

A striking face 610mm wide is available as an optional extra for use with the 550mm wide swing beam.

Two optional bed sizes 900mm x 450mm or 1000mm x 500mm (35.5" x 17.7" or 39.5" x 20").

Safe

The machine is fitted exclusively for two handed trip operation.

Easy Maintenance

The microprocessor control can be used for diagnostics and for calibrating the machine.

Practically maintenance-free closed hydraulic system.

The press will cut a variety of components from various thicknesses of natural, or man-made materials in sheet or roll form. Single or double edged-knives can be used.

Operation

Setting up is easy. The knife is placed on the cutting pad and the beam positioned above it. Daylight setting is by hand wheel situated on the press beam which at a turn instantly alters the daylight (up or down). There is no need to "stroke" the press to establish the daylight position. Depth of stroke is set using the variable stroke control dial also located on the beam. The SB-A is fitted as standard with both timer and pressure settings enabling the operator to select the control method best suited to the type of work and dies being used. the machine is now ready to use.

The operator swings the beam over the knife by hand and trips the cutting stroke by pressing both the operating buttons simultaneously. After the cutting stroke is completed the beam rises automatically. The operator swings the beam to one side, exposing the components for collection and the knife for repositioning.

FEATURES OF THE SWING BEAM CUTTING PRESSES

- Quick easy set up.
- Fine variation, stroke control dial situated on the beam for easy, visible setting.
- Alternate pressure or time control settings at the flick of a switch
- Fast downstroke speed
- Safe, two handed trip operation. Both operating buttons must be pressed simultaneously for the stroke to be activated.
- Ergonomic bed height produces a comfortable working position.
- Material trough at the rear of the cutting area, for skins or small rolls.
- Rigid welded construction ensures minimum deflection under load and gives uniformity of cut over the entire cutting area. This also minimises the pad penetration and wear, leaving more useful tonnage available for cutting.
- Optional push button selection of 3 pre-set tonnages