

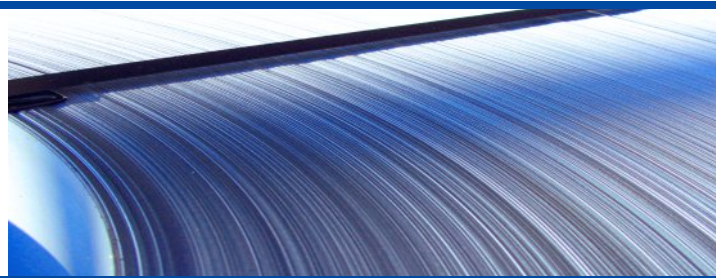


**Swiss Forging  
Consultants GmbH**

Services around the forging industry

## Stocklist 2024

Stand: 12.11.2024



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## **SFC**

SFC is a Swiss company specialized in providing services for the forging industry worldwide.

## **Consulting**

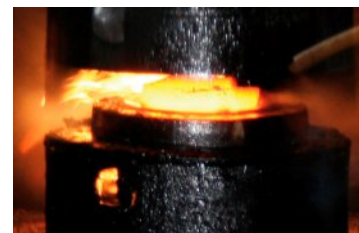
SFC has a lot of experienced engineers and technicians available providing solutions for the whole forging industry, no matter if for open die, closed die or cold forging applications. The expertise is for machinery as well as for forging process. We provide also tooling and automation solutions for the forging industry.

## **Appraisals**

SFC provides estimations and appraisals for some of the leading banks, leasing companies as well as auction houses. We have the world`s largest data base for realized prices in buying and selling new and second hand forging machinery.

## **Second Hand Machinery**

SFC offers not only the supply of new forging equipment but also has a wide range of second hand machinery available. Please do not hesitate to offer your surplus equipment to us and we always welcome your inquiries for new or second hand forging equipment.





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## CLOSED DIE FORGING:

1. Banning GOA 3150 (*Z000348*)
2. Hasenclever VPSRN 120/320 (*Z000411*)
3. Hasenclever VPSRN 170/500 (*Z000532*)
4. Müller PUK 2000 (*Z000427*)
5. Smeral KJH 2 (*Z000443*)
6. Wilkins & Mitchell D30-HB 18 (*Z000417*)

## Banning GOA 3150 (Z000348)



Blow energy	max. 4000 mkg
Useable number of blows	max. 125 min <sup>-1</sup>
Ram stroke	520 mm
Die height	350 mm
Ram weight	1760 kg
Ram (front to back)	530 mm
Dimensions mm	2250 x 1400 mm ( L x B )
Height of machine above floor	3300 mm
Height of machine under floor	590 mm
Total weight	40,5 t
Mode of operation	pneumatic

## Hasenclever VPSRN 120/320 (Z000411)



Permanently permissible maximum force	210 t
Nominal force	140 t
Screw diameter	120 mm
Suitable for bar diameter up to	30 mm
Capacity	15 kW
Stroke	320 mm
Stroke rate	45 min <sup>-1</sup>

## Hasenclever VPSRN 170/500 (Z000532)



Permanent permissible maximum force	420 t
Screw diameter	170 mm
Capacity	25 kW
Stroke	500 mm
Stroke rate	35 min <sup>-1</sup>
Table size (left to right)	360 mm
Table size (front to back)	400 mm
Dimensions	1700 x 1400 x 4300 mm
Weight	12 t

## Müller PUK 2000-10.1.2 (Z000427)



Pressing power	2000 t
Stroke	400 mm
Table size (left to right)	1015 mm
Table size (front to back)	1050 mm
Ram (left to right)	975 mm
Ram (front to back)	1050 mm
Daylight	1000 mm
Return force	150 t
lower ejector (power)	6,3 t
lower ejector (stroke)	100 mm
Return speed of the ram Stößel	250 mm/s
upper ejector (power)	65 t
upper ejector (stroke)	100 mm
Pressure speed	20 mm / sec
Daylight of uprights	975 mm
Driving power	180 kW
Required space of the press (left to right)	5000 mm
Required space of the press (front to back)	6500 mm
Height of machine above floor	3650 mm
Total weight	105 t
Mode of operation	hydraulic

## Smeral KJH 2 (Z000443)



Blow energy	2.000mkg
Surface of dies	200 x 450mm
Min. die height	160mm
Max. ram stroke	400mm
Number of strokes of ram	40 - 120min <sup>-1</sup>
Power of pumpmotor	22kW





## Wilkins & Mitchell D30 HB 18 (Z000417)



Press capacity	200 t
Drive capacity	15 kW
Stroke	203 mm
Stroke rate	45 min-1
Shut height	508 mm
Table size (left to right)	762 mm
Table size (front to back)	914 mm
Table height above floor	838 mm
Ram (left to right)	660 mm
Ram (front to back)	610 mm
Ram adjustment	102 mm
Lower ejector (power)	1,28 t
Lower ejector (stroke)	51 mm
Upper ejector (power)	1,28 t
Upper ejector (stroke)	51 mm
Dimensions	2600 x 2150 x 4500 mm
Total weight	19,8 t



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## OPEN DIE FORGING

There are currently no offers.



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## COLD PRESSES

1. Liebergeld G 400/1100/250/5 (Z000416)
2. Gräbener GKFT 800 (Z000271)

## Liebergeld G 400/1100/250/5 (Z000416)



Press capacity	400 t
Stroke	250 mm
Stroke rate	25 - 75 min <sup>-1</sup>
Shut height	650 mm
Table size (left to right)	1100 mm
Table size (front to back)	965 mm
Ram (left to right)	980 mm
Ram (front to back)	800 mm
Ram adjustment	20 mm
Lower ejector	80 mm
Lower ejector (power)	30 t
Lower ejector (stroke)	180 mm
Lateral opening	800 mm
Total weight	50 t
Comment automated with transfer	5 stages

## Gräbener GKFT 800 (Z000271)



Pressing power:	800 t
Ram stroke:	160 mm
Ram adjustment:	10 mm
Stroke rate:	15-60 min <sup>-1</sup>
Shut height:	600 mm
Table size (left to right):	1130 mm
Table size (front to back):	750 mm
Clamping area of the die holder:	1130 x 900 mm
Tool adjustment:	83 mm
Upper ejector (power):	80 t
Upper ejector (stroke):	80 mm
Driving power:	90 kW / 50 Hz
Working voltage:	3 x 380 V / AC
Working pressure:	5,5 Bar /G1"
Control voltage:	220 VAC
PLC control voltage:	24 VDC
Nominal current of machine:	320 A
Dimensions:	3250 x 3800 x 5300 mm
Total weight:	64 t
Mode of operation:	mechanical

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## RING ROLLING

There are currently no offers.



## OTHER FORGING EQUIPMENT

1. Behringer HBP 360 A *(Z000350)*
2. Dango Dientahl A 5.1 *(Z000396)*
3. Dango Dientahl AMP 400 *(Z000395)*
4. Dango Dientahl AMP 500 *(Z000399)*
5. EFD 100 kW *(Z000514)*
6. Kieserling VPS 100 (Vincent) *(Z000165)*
7. Lasco KP 100 SO *(Z000272)*
8. Sack & Kiesselbach OKP 25035 *(Z000531)*
9. Smeral UL 35 *(Z000525)*

## Behringer HBP 360 A (Z000350)



Saw type	band
Diameter of piece	max. 360 mm
Length of cut	600 mm
Driving power	5,5 kW
Dimensions	2450 x 3000 x 2050 mm
Total weight	~ 2,5 t
Year of manufacturing	1995
Comment conveyor	included



## Dango Dientahl A 5.1 (Z000396)



Ultimate load	800 kg
Load moment	1.000 mkg
Tongs opening round	50 - 230 mm
Tongs opening square	50 - 230 mm
Driving power	11 kW
Dimensions	3900 x 1800 x 2100 mm (B x T x H)
Total weight	5,3 t
Speed	0 - 90 m/min
Speed of tong	2 - 35 / min
Altitude of tong	600 - 1000 mm
Stroke	500 mm
Average lifting height	600 mm
Year of manufacturing	1983
Mode of operation	electric-hydraulic
Comment	wheel type

## Dango Dientahl AMP 400 (Z000395)



Ultimate load	400 kg
Load moment	800 mkg
Stroke of tongs	400 mm
Dimensions	4000 x 1600 x 2400 mm (B x T x H)
Total weight	7 t
Mode of operation	electric-hydraulic
Comment	wheel type



## Dango Dientahl AMP 500 (Z000399)



Ultimate load	500 kg
Load moment	1.000 mkg
Dimensions	3900 x 1800 x 2400 Mm (B x T x H)
Total weight	7 t
Year of manufacturing	1970
Mode of operation	electric-hydraulic
Comment	wheel type

## EFD 100 kW (Z000514)



Capacity	100 kW
Diameter of work piece	10 - 38 mm
Length of work piece	max. 100 mm
Dimensions	2200 x 2150 x 1650 Mm (B x T x H)
Total weight	1 t

## Kieserling VPS 100 Vincent (Z000165)



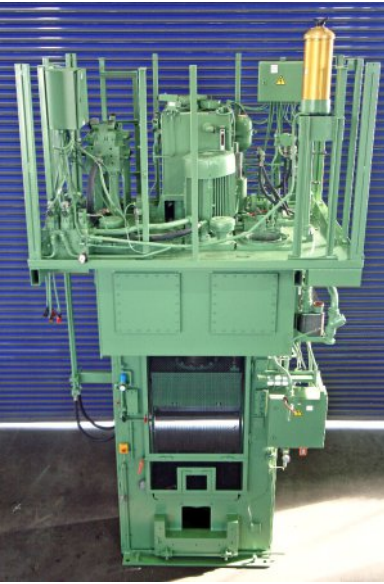
Permanently permissible maximum force:	150 t
Diameter of screw:	100 mm
Stroke:	300 mm
Shut height:	400 mm
Driving power:	7 kW
Electrics:	380 / 50 V / Hz
Dimensions:	1000 x 1200 x 2400 mm (W x D x H)
Mode of operation:	mechanical

## Lasco KP 100 SO (Z000272)



Pressing power:	100 t
Stroke:	300 mm
Shut height:	900 mm
Table size (left to right):	900 mm
Table size (front to back):	800 mm
Upper ejector (power):	30 t
Upper ejector (stroke):	100 mm
Ram (left to right):	900 mm
Ram (front to back):	700 mm
Lower ejector (power):	10 t
Lower ejector (stroke):	100 mm
Pressure speed:	36 mm / sec
Distance between the guidance:	1000 mm
Driving power:	30 kW
Electrics:	380 / 50 V / Hz
Working pressure:	6 bar

## Sack & Kiesselbach OKP 25035 (Z000531)



Pressing power	250 t
Stroke	300 mm
Daylight	1100 mm
Table size (left to right)	800 mm
Table size (front to back)	650 mm
Table height	840 mm
Table displacement	no
Ram (left to right)	800 mm
Ram (front to back)	650 mm
Approach speed	350 mm / sec
Pressure speed at F	max.14 mm / sec
Return speed	250 mm / sec
Lower ejector	1
Lower ejector (power)	35 t
Lower ejector (speed)	max. 120 mm / sec
Lower ejector (stroke)	25 mm
Upper ejector	1
Upper ejector (power)	35 t
Upper ejector (speed)	max. 120 mm / sec
Upper ejector (stroke)	25 mm
Driving power overall	60 / 380 / 50 kW / V / Hz
Dimensions	2350 x 1750 x 5050 mm (Wx Dx H)
Height of machine above floor	5050 mm
Total weight	12 t
Working pressure	260 bar
Oil quantity	600 l

## Smeral UL 35 (Z000525)



Diameter of work piece	14 - 40 mm
Diameter of roll segment	600 mm
Width of roll	400 mm
Roll adjustment	25mm
Total weight	9,4 t
Comment	mechanical



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