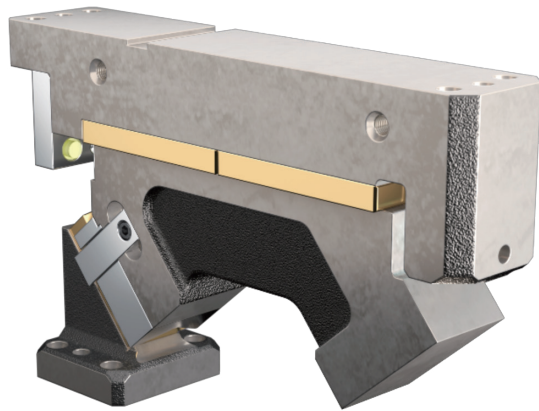


LONG BODY CAM

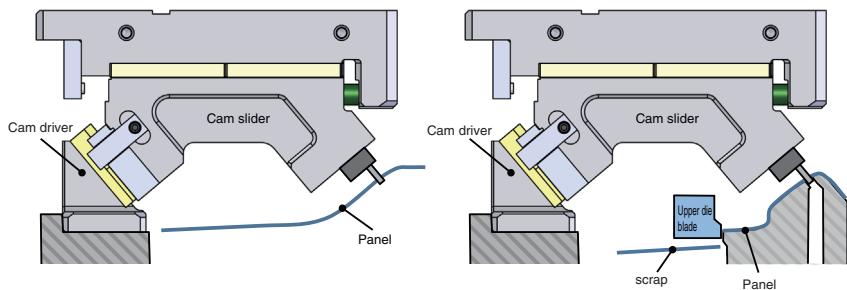
AERIAL CAM UNIT

Easier to work on hard-to-reach areas

- Long reach of cam slider avoids any contact with panel being processed
- Reduced processing time due to less space limitations
- Sufficient space for scrap removal
- Easier disassembly of cam slider



Application Example



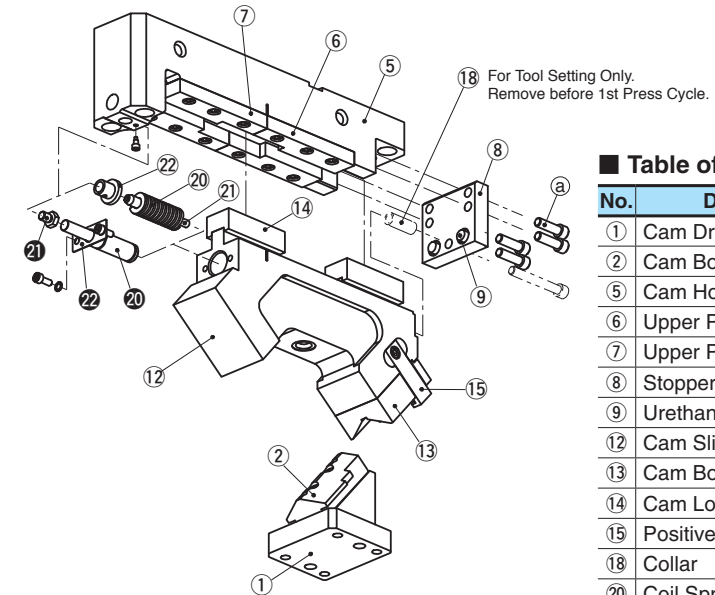
The long reach of cam slider and the cam driver attached outside of the panel enable the greater processing area to be machined.

An increased layout can be realized with external trimming allowing sufficient space for scrap removal.

Technical Information

NEW

■ SACLB80 Assembly/ Dis-assembly



■ Table of Components

No.	Description	Qty
①	Cam Driver	1
②	Cam Bottom Guide Plate	1
⑤	Cam Holder	1
⑥	Upper Plate A	2
⑦	Upper Plate B	2
⑧	Stopper Plate	1
⑨	Urethane Stopper	2
⑫	Cam Slider	1
⑬	Cam Bottom Slide Guide	1
⑭	Cam Lower Slider	2
⑮	Positive Return plate	2
⑱	Collar	1
⑳	Coil Spring	1
㉑	Spring Guide Pin	1
㉒	Spring Guide Washer	1
㉓	Gas Spring	1
㉔	Stop Pin	1
㉕	Spring Stopper	1

● Disassembling SACLB80

- 1) Remove the Hexagonal Socket Head Bolts (㉔) to pull out the Stopper Plate (⑧).
- 2) Slide the Cam Slider (⑫) back to the corresponding notch placed between ⑥ and ⑦.
- 3) Pull up the Cam Slider (⑫) from the Cam Holder (⑤).

● Re-assembly

Reassembly is the reverse procedure of disassembling.

NOTE: ● Ensure that all parts are clean, particularly the sliding components to which a small amount of grease is applied and is then placed in position.

- Take care that the respective tolerances are observed when assembling the Cam Slider and Cam Holder, which also should be identified by the same serial number.
- Make sure that all bolts are tighten to the recommended torque after assembly and dis-assembly.

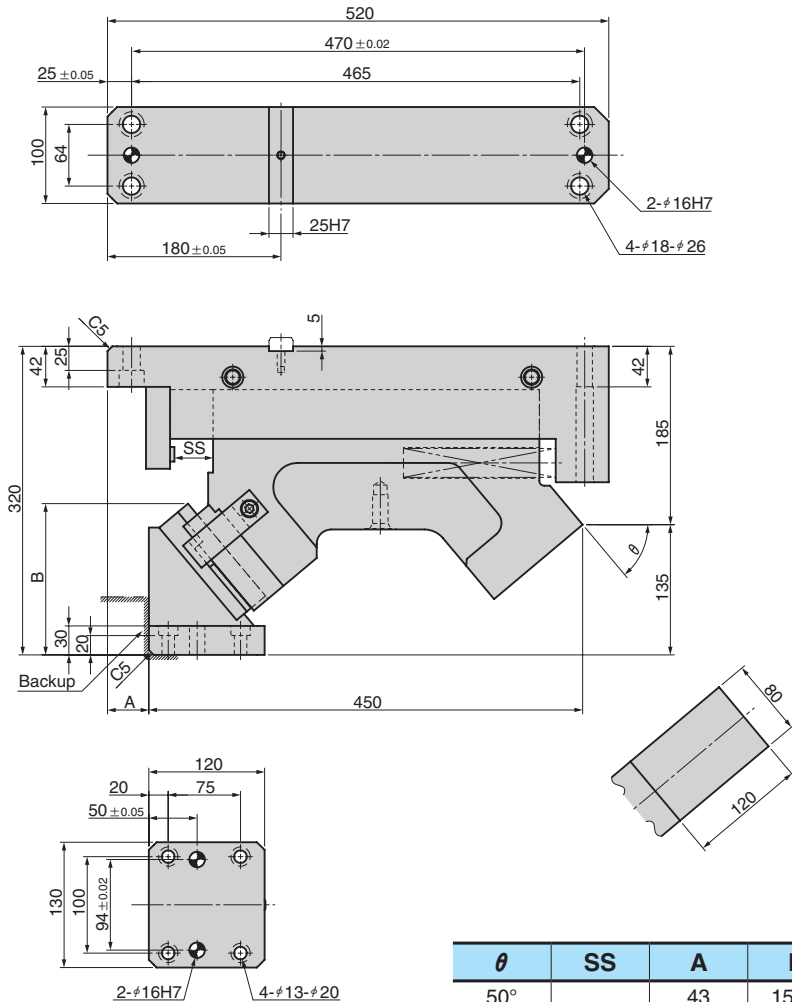
⚠ Gas Spring

Please contact your local sales representative if you prefer to use a gas spring not specified in our catalog. For use and maintenance of gas spring, please contact the manufacturer directly.

LONG BODY CAM

AERIAL CAM UNIT

SACLB80



θ	SS	A	B	
50°	40	43	156.8	
55°		38	160.8	
60°		33	163.8	
65°		34	21	167.8
70°		28	10	168.8
75°		21	5	170.8
80°		14	0	169.9

The coil springs is durable until 300.000 strokes

NEW CAD FILE

Working force [kN (tonf)] 1,000,000 strokes	Catalog No.	Cam width W	Angle θ	Spring Type PS
58.8(6.0)	SACLB	80	50-80 (5-degree increments)	No Code (Coil Spring) GK NGK GD NGD GS NGS

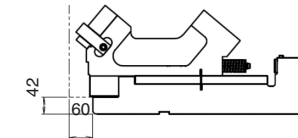
No Code : Coil Spring GD : Gas Spring (DADCO) NGK/NGD/NGS : Without Gas Spring.
GK : Gas Spring (KALLER) GS : Gas Spring (SDT) Mounting hardware for gas spring included.



Option

■ Rear removal space

Option Code	Specification
NF	Nitrogen gas not charged.
K	Key attached. (LKU25-100)



For key specification, refer to page 34.



Order

Catalog No.	W	θ	PS	Option
SACLB	80	50		
SACLB	80	50	GK	NF - K

■ Spring force

● Coil spring specification

Angle	Stroke SS	Initial load		Final load		Model Spring
		N	kgf	N	kgf	
50	40	440.7	45.0	2644.3	269.8	TH30-200
55						TH30-200
60						TH30-200
65						TH30-175
70						TH30-150
75						TH30-100
80						TH30-75

● Gas spring specification

Angle	Final load		Model Spring		
	N	kgf	GK	GD	GS
50	2726.0	278.2	X320-50	U.0325.050	SFC.320.50
55			X320-50	U.0325.050	SFC.320.50
60			X320-50	U.0325.050	SFC.320.50
65			X320-50	U.0325.050	SFC.320.50
70			X320-38	U.0325.038	SFC.320.38
75			X320-25	U.0325.025	SFC.320.25
80			X320-19	U.0325.019	SFC.320.19

*The gas filling pressure is 10MPa

■ Weight

Angle	Slider weight kg	Total weight kg
50	26.4	62.7
55	25.9	62.3
60	25.6	62.3
65	25.3	62.4
70	25.3	62.5
75	25.1	62.7
80	25.0	62.9

■ Cam Diagram

