



CS AND ECS SERIES



Overview

- Type: C-frame presses
- Press capacity: 350-3,000 kN
- Part size: small
- Slide kinematics: crank motion
- Application: cutting, stamping, bending, embossing, forming

Description

C-frame presses are flexible solutions for the production of small parts. The C-shape provides good accessibility to the die space and is thus suitable for manual work as well as for automated, linked production processes.

Features and Benefits

- The CS is the all-rounder among the C-frame presses, while the ECS is ideal for punching and cutting operations with a higher degree of automation
- The compact design requires a very small footprint, no foundation work and ensures good accessibility for maintenance
- Operates as a single press or press line with transfer, shuttle or robot automation
- When installed as a press line, the flexible combination of different tonnages enables the optimum adaptation to the specific requirements of the produced part
- Solid, low-stress annealed press body in a monobloc design with minimal frame deflection
- The durable hydraulic clutch is wear-resistant and operates at a low decibel range
- A casting slide absorbs process-related vibrations and thus protects press and dies (ECS series)
- The 4-fold slide guiding ensures a high tilting rigidity
- Hydraulic overload protection to protect the press and dies
- Fast availability (production time as of 12 weeks)

Technical specifications

Model	CS-35 HS ST	CS-50 HS ST	CS-65 HS ST	CS-80 HS ST	CS-110 HS ST	CS-150 HS ST	CS-200 HS ST	CS-250 ST
Press capacity in kN	350	500	650	800	1,100	1,500	2,000	2,500
Stroke rate in 1/min	100-200 50-100	80-160 40-80	60-120 35-70	50-100 30-60	40-80 25-50	30-60 20-40	25-50 18-35	- 18-35
Slide stroke in mm	40 80	60 100	90 120	100 150	110 180	120 200	150 300	300
Slide adjustment in mm	50	60	70	80	100	120	150	150
Die height* in mm	230 210	270 250	295 280	345 320	415 380	490 450	530 480	500
Slide dimensions in mm	350 x 210	650 x 350	700 x 400	750 x 500	900 x 550	1,100 x 650	1,250 x 750	1,350 x 750
Bolster dimensions in mm	700 x 350	800 x 450	900 x 550	950 x 600	1,100 x 700	1,350 x 750	1,450 x 850	1,600 x 950

Model	ECS-80 HS ST LS	ECS-110 HS ST LS	ECS-150 HS ST LS	ECS-200 HS ST LS	ECS-250 HS ST LS	ECS-300 ST LS
Press capacity in kN	800	1,100	1,500	2,000	2,500	3,000
Stroke rate in 1/min	75-150 55-110 40-80	70-140 50-100 35-70	60-120 45-90 30-60	45-90 35-70 25-50	45-90 35-70 25-50	- 20-40 20-35
Slide stroke in mm	60 100 160	70 110 180	80 130 200	100 160 250	120 200 300	- 300 380
Slide adjustment in mm	80	100	100	120	120	120
Die height* in mm	320 320 350	370 370 400	400 400 430	405 450 480	470 470 500	- 550 550
Slide dimensions in mm	750 x 500	900 x 550	1,100 x 600	1,250 x 650	1,350 x 750	1,600 x 900
Bolster dimensions in mm	950 x 600	1,100 x 700	1,250 x 750	1,400 x 850	1,500 x 950	1,800 x 1,000

*Slide stroke down, adjustment up (SDAU) | ST = Standard, HS = High-Speed, LS = Long Stroke | Subject to technical modifications