

C-FLEXLINE.

MODULAR PRESSES FOR GREATER PRODUCTION FLEXIBILITY.



CFL 63.

MODULAR, FLEXIBLE, ERGONOMIC.

The modular structure of the C-FLEXline allows for fast and ergonomic changeovers at any time if production conditions change, from simple manual operation to fully automatic manufacturing. These user-friendly presses have a compact and ergonomic design and a small footprint.

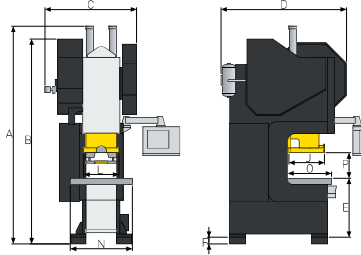
The presses can meet a wide range of requirements with two different control concepts. The »eco« version has an easy-to-use controller with a text display integrated in the control cabinet.

The »comfort« model is equipped with a 12-inch multi-function touch panel with a swivel arm. It also has an Internet connection which makes remote diagnostics possible.

BENEFITS

- Modular presses for greater production flexibility
- Durable, stress relief annealed press frame
- Ergonomic design with ideal leg room and working height
- Back gears allow for a high production capacity, even at low stroke rates
- Fast and safe changeover process with manual or motor-powered stroke and slide adjustment, brake resistance, and set-up mode with forward and reverse drive
- Hydraulic overload protection system for the press and die
- Frequency converter allows for a continuously variable slide speed
- Electronic cam switch gives precise control of the angle of peripheral devices combined with a process monitoring function [» comfort« variant]
- Pretensioned, low-maintenance wear-resistant roller guides prevent the slide from tilting – resulting in more accurate parts and a longer die lifespan

DATA AND FACTS



C-FLEXline.

C-FLEXLINE TECHNICAL DATA

MODEL	CFL 40	CFL 63	CFL 100	CFL 160	CFL 250
Press force [kN]	400	630	1,000	1,600	2,500
Working capacity [J]	900	2,750	6,000	17,000	23,000
Drive power [kW]	4	4	7,5	18,5	18,5
Stroke rate [H/min]	60–140	30–120	30–90	20–70	20–60
Slide dimensions, L x J [mm]	370 x 300	470 x 415	540 x 515	850 x 635	1,000 x 742
Bed dimensions, N x O [mm]	600 x 480	820 x 590	900 x 660	1250 x 750	1400 x 860
Shut height, P* [mm]	300	320	370	440	470
Opening in the bed [Ø] [mm]	120	165	165	165	165
Opening in the press upright (downward backward) [mm]	275 x 210 310	310 x 320 410	410 x 370 470	510 x 440 510	630 x 530 630
Bed plate thickness [mm]	53	75	95	115	115
Centering hole in the slide [Ø] [mm]	50	50	50	60	60
Slide adjustment [mm]	70	100	100	110	130
Stroke adjustment [mm]	5–100	8–120	10–130	12–180	19–250
Depth of throat [mm]	220	280	334	370	442
Weight with standard equipment [kg]	3,000	5,000	7,000	14,000	23,000

DIMENSIONS

MODEL	CFL 40	CFL 63	CFL 100	CFL 160	CFL 250
Press height, A [mm]	2.611	3.070	3.225	3.780	4.420
Press height (without counterbalance cylinder), B [mm]	2.416	2.830	3.045	3.520	4.100
Press width, C [mm]	1.260	1.360	1.500	1.800	2.150
Press depth, D [mm]	1.477	1.700	1.950	2.460	3.000
Bed height (including plate), E [mm]	850	863	903	1.005	1.005
Height of damping elements (Beutler standard), F [mm]	approx. 70	approx. 90	approx. 90	approx. 100	approx. 100
T-slots in bed clamping plate / DIN 650 [mm]	a=22	a=22	a=22	a=22	a=22

*Largest stroke at the bottom, slide adjustment at the top, without clamping plate.