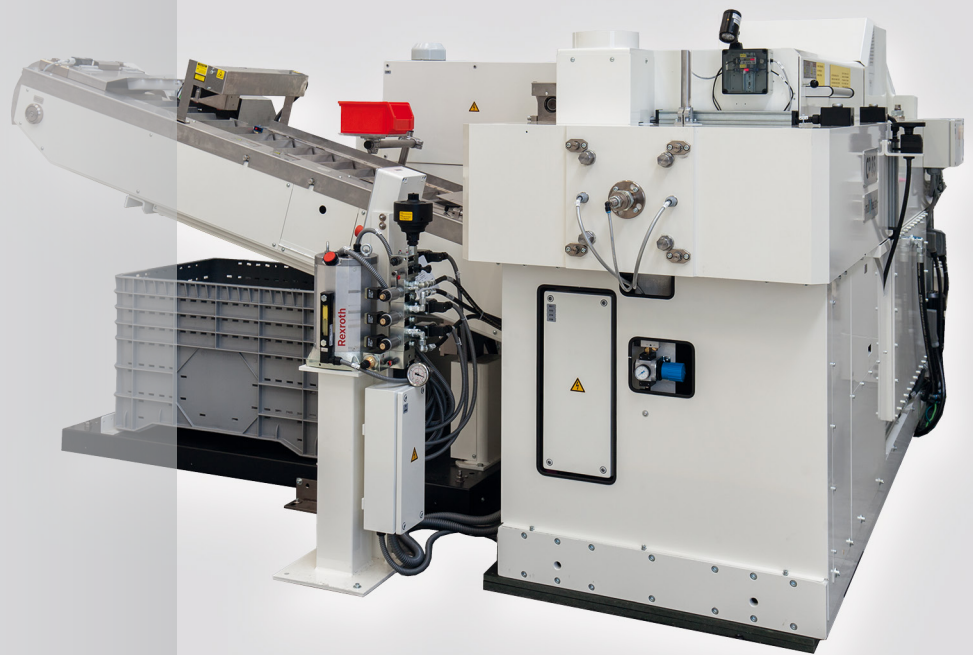


wifag//polytype group

Impact Extrusion Presses



for the production of aluminium
packagings

mall//herlan

Trust the Market Leader – Impact Extrusion by mall//herlan



Optional extras

- // Ejector units for the production of elongated nozzle and closed-end tubes
- // Heating unit for punch and die
- // Length measuring unit for cans that are too short and/or too long, with automatic discharge
- // Soundproofing cabin
- // Suction unit for the extrusion area with fan
- // Hydraulic clamping unit for the die
- // Servo outfeed conveyor (standard for CP85 and Express 4000)
- // Various electronic safety and monitoring units

Impact Extrusion Press

If flexibility is required when producing a monoblock aluminium container, an Impact Extrusion Press is the first choice. A high performance toggle lever system produces aluminium cans with one stroke out of a slug. As a market leader, our presses are used all over the world for the production of monoblock aerosol cans, beverage bottles and tubes at a speed of up to 250 pcs per minute.

Technical data impact extrusion presses

Type	CP35	CP55	CP65	CP75	CP85	Express 4000	Express 6000
Can diameter mm	10 – 30	19 – 45	25 – 45	25 – 53	35 – 66	35 – 66	53 – 80
Max. speed cpm	220	200	200	200	200	250	180
Max. extruded length for open-end tubes mm	220	250	275	275			
Max. extruded length for cans mm	130	170	200	225	275	275	310
Approx. wall thickness mm	0,3	0,3	0,4	0,5	0,5	0,5	1,0
Nominal power kN	800	1.400	1.600	2.500	4.000	4.000	6.000
Net weight approx. kg	5.800	8.500	10.500	13.200	16.800	21.000	30.000

Special features

- // Sturdy frame, separate from the drive housing, for absorbing the extrusion loads; both parts made of spheroidal graphite iron
- // Compact drive of the crankshaft via pneumatically controlled clutch-brake unit with spring loaded disc brake to allow controlled or immediate stops
- // Speed-variable drive, creeping speed and facility for switching to reverse motion to facilitate the setting of the tooling
- // Electromotive punch adjustment for correcting the bottom thickness during production
- // Swing-off type slug feed and stripper frame of the take-off unit, resulting in short set-up times and simple size-part changes, optimized for high speed production
- // Automatic permanent circulatory lubrication system with filter and offline filter system
- // Take-off unit operating in absolute synchronism with the outfeed conveyor, ensuring trouble-free transfer of the products even in case of short extrusions and maximum stroke rates
- // Inclined slug conveyor for direct feed of flat and domed slugs to the die
- // Continuous rotary slug infeed system

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