



**2024**

**CATALOG**

*where form meets function*

# COMPANY



SHOWROOM & SALES SUPPORT TEAM  
IN HAMBURG, GERMANY

With years of expertise and pride in our achievements, we present **DURENDUS**. We began our journey by manufacturing, and over the years, we have become a trusted and skilled brand in the industry, exclusively focusing on the production of hydraulic & eccentric press machines. Since our establishment, we have had the privilege of successfully contributing to various significant projects. **DURENDUS**, as a leading engineering firm in the industry, excels in the design and manufacturing of turnkey hydraulic facilities, both domestically and internationally.

Adapting continually to the ever-evolving and dynamic technological landscape, our commitment extends beyond meeting your expectations. Our primary goal, regardless of our field of operation, is to brand our top-quality presses under the name **DURENDUS**.

As **DURENDUS**, we aspire to be your trusted partner, dedicated to making your operations more efficient, effective, and reliable. We invite you to collaborate with us, and we eagerly anticipate the opportunity to demonstrate how we can support your future projects.



FACTORY & OFFICE IN KONYA, TURKIYE





# H - FRAME SINGLE ACTION PRESSES

**DHS**  
SERIES



## Standart Equipments

- Chrome Plated Cylinder
- Steel Welded Frame
- HMI Touch Screen Control Panel
- Safety Cover and Light Barrier
- Two Hand Button Control
- Adjustable Variable Pressure and Speeds on HMI Touch Screen Control Panel
- Adjustable Stroke on HMI Touch Screen Control Panel
- Pressure Gauge
- Automatic Lubrication
- Pollution Switch
- Air Cooling
- T-Slotted Table
- User Manual
- 1 Year Warranty

## Optional Equipments

- Ejector Cylinder
- Quick Die-Changing Tool
- Anti-Vibration Pads

For more information



The DHS series, boasting an impressive production capacity of up to 2000 tons, stands as a pinnacle of industrial strength and adaptability. Our commitment to customer satisfaction is exemplified by the option to tailor the DHS series presses according to the specific requirements of our clients, ensuring a bespoke solution that seamlessly integrates into various manufacturing contexts.

These presses within the DHS series offer a wide range of applications, from bending and shaping to hole punching, cutting, and straightening, depending on the specifications of the employed mold. This multifunctional capability positions the DHS series as a comprehensive tool for manufacturers seeking versatility and efficiency in their production processes. In instances where mold installation proves to be a critical aspect of your manufacturing workflow, we recommend the incorporation of mold loading devices or other innovative mold installation solutions. These additions enhance the efficiency and ease with which molds are integrated into the presses, streamlining your production operations.

The DHS series is distinguished by its high precision machined frame and table, a testament to our dedication to quality and accuracy. This meticulous engineering ensures that you receive products with unparalleled precision in your production processes, enhancing the overall quality and reliability of your manufacturing output.

As a robust and adaptable solution, the DHS series presses are designed to meet and exceed industry standards, providing manufacturers with a dependable tool for demanding applications. Whether your production requires standard capacities or custom configurations, the DHS series is poised to be a valuable asset, offering efficiency, precision, and versatility for your manufacturing endeavors.



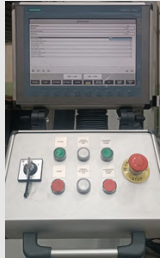
# H - FRAME SINGLE ACTION PRESSES

# DHS

SERIES



CE-Label Electrical System



9" Screen



8-Corner Bronze Guide System



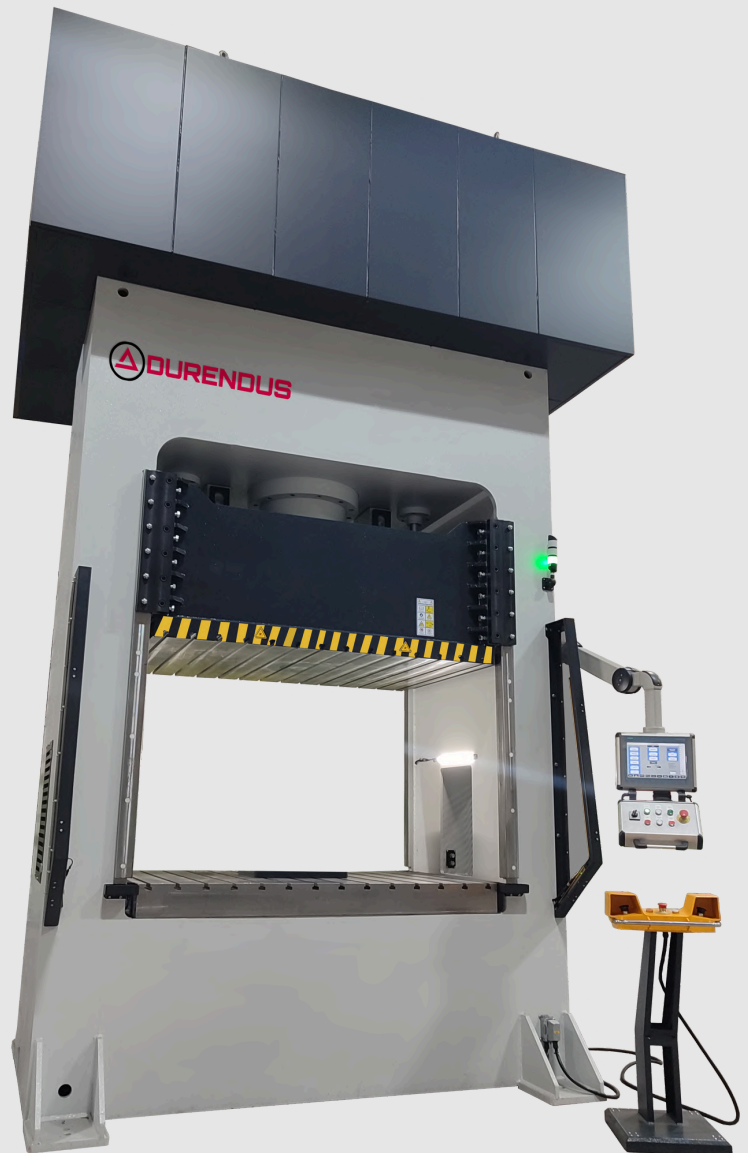
Table Lock System



Automatic Lubricating



CE-Label Rexroth Hydraulic System



H-FRAME SINGLE ACTION PRESSES | DHS |

MODEL/TON	ton	DHS100	DHS200	DHS300	DHS400	DHS500
WORKING AREA	mm.	800x100	800x1000	1000x1200	1200x1400	1200x1500
STROKE	mm.	500	500	600	700	800
DAYLIGHT	mm.	600	600	700	900	1000
MOTOR POWER	kW.	22	22	22	30	30
PUMP	lt.	48	48	87	116	116
APPROACHING SPEED	mm/s.	140	140	140	140	140
RETURN SPEED	mm/s.	180	180	180	180	180
WORKING SPEED	mm/s.	13	11	10	10	12
OVERALL DIMENSIONS	mm.	2200x2100x4200	2200x2100x4200	2400x2300x4500	2600x2500x4700	2600x2500x4900
WEIGHT	kg.	8000	10000	15000	18000	21000



### Standart Equipments

- Chrome Plated Cylinder
- Steel Welded Frame
- HMI Touch Screen Control Panel
- Safety Cover and Light Barrier
- Two Hand Button Control
- Adjustable Variable Pressure and Speeds on HMI Touch Screen Control Panel
- Adjustable Stroke on HMI Touch Screen Control Panel
- Pressure Gauge
- Automatic Lubrication
- Pollution Switch
- Air Cooling
- T-Slotted Table
- User Manual
- 1 Year Warranty

### Optional Equipments

- Ejector Cylinder
- Quick Die-Changing Tool
- Anti-Vibration Pads
- Rod Pins

For more information



Deep drawing presses, integral to various industries such as automotive, household appliances, and the electrical sector, play a pivotal role in the production of metal-based components. These versatile presses come in four distinct body structures and can be tailored to different dimensions and tonnages based on the specific requirements of customers.

The array of deep drawing presses includes the H type, Column type, Workshop type, and C type, each selected based on the material's size and thickness to be processed. Our H type drawing presses stand out by rapidly approaching the pre-determined distance on the mold, completing the planning process with an impressive speed ranging from 10 to 400 mm/sec.

The hydraulic schemes implemented in our presses are carefully designed after rigorous engineering calculations and thorough examinations by experienced professionals. We prioritize the use of high-quality components from well-known brands in both the electrical and hydraulic systems to ensure the reliability and durability of our deep drawing presses.

What sets our presses apart is not just their speed and precision but their robust and precise structure, which guarantees reliable performance over extended periods. As we continue to evolve and innovate, our commitment to providing cutting-edge deep drawing presses that meet the diverse needs of the manufacturing industry remains unwavering. Whether in the automotive sector or household appliances, our presses stand as a testament to quality, efficiency, and longevity in metal-based production processes.



# H - FRAME DOUBLE ACTION PRESSES

# DHD SERIES



**CE-Label Electrical System**



**Non-Through Holes  
(Optional)**



**9" Screen**



**8-Corner Bronze Guide System**



**Table Lock System**



**Automatic Lubricating**



**CE-Label Rexroth Hydraulic System**



## H-FRAME DOUBLE ACTION PRESSES | DHD |

MODEL/TON	ton	DHD100	DHD200	DHD300	DHD400	DHD500
WORKING AREA	mm.	800x1000	800x1000	1000x1200	1200x1400	1200x1500
STROKE	mm.	500	500	600	700	800
DAYLIGHT	mm.	600	600	700	900	1000
MOTOR POWER	kW.	22	22	22	30	30
PUMP	lt.	48	48	87	116	116
APPROACHING SPEED	mm/s.	140	140	140	140	140
RETURN SPEED	mm/s.	180	180	180	180	180
WORKING SPEED	mm/s.	13	11	10	13	12
CUSHION TON	ton	50	100	150	200	250
CUSHION STROKE	mm.	250	300	300	350	400
OVERALL DIMENSIONS	mm.	2200x2100x4200	2200x2100x4200	2400x2300x4500	2600x2500x4700	2600x2500x4900
WEIGHT	kg.	8000	10000	15000	20000	23000

# H - FRAME ECO - PRESSES

**DHB**  
SERIES



## Standart Equipments

- Chrome Plated Cylinder
- Steel Welded Frame
- HMI Touch Screen Control Panel
- Safety Cover and Light Barrier
- Two Hand Button Control
- Adjustable Variable Pressure and Speeds on HMI Touch Screen Control Panel
- Adjustable Stroke on HMI Touch Screen Control Panel
- Pressure Gauge
- Automatic Lubrication
- Pollution Switch
- Air Cooling
- T-Slotted Table
- User Manual
- 1 Year Warranty

## Optional Equipments

- Ejector Cylinder
- Quick Die-Changing Tool
- Anti-Vibration Pads

For more information



The DHB series, engineered with a robust capacity of up to 300 tons, signifies a versatile solution adaptable to diverse manufacturing requirements. Our commitment to customer satisfaction is underscored by the option to customize the DHB series presses, ensuring they align precisely with the unique needs and specifications of our clients. This bespoke approach ensures that each press is tailored to meet specific manufacturing challenges and objectives.

The utility of the DHB series extends across a spectrum of operations, including bending, shaping, hole punching, cutting, and straightening, contingent on the mold in use. The versatility of this series empowers manufacturers to optimize their production processes with a single, multifunctional tool, enhancing efficiency and flexibility on the factory floor.

An outstanding feature of the DHB series is its strategic design, specifically catering to factories grappling with height-related challenges in their production areas. This thoughtful consideration ensures that the DHB series presses seamlessly integrate into facilities with spatial constraints, providing a practical and effective solution for manufacturing operations.

In addition to its adaptability, the DHB series reflects our commitment to quality and precision. The presses are meticulously crafted and undergo stringent quality control measures, ensuring that they not only meet but exceed industry standards. This dedication to excellence is a testament to our endeavor to provide cutting-edge solutions that elevate the manufacturing capabilities of our clients.

Whether addressing unique height-related constraints or seeking a versatile press for multifaceted operations, the DHB series stands as a reliable choice. With the option for customization and a focus on practical design, these presses exemplify our dedication to empowering manufacturers with efficient and tailored solutions for their production challenges.



# H - FRAME ECO - PRESSES

**DHB**  
SERIES



CE-Label Electrical System



9" Screen



8-Corner Bronze Guide System



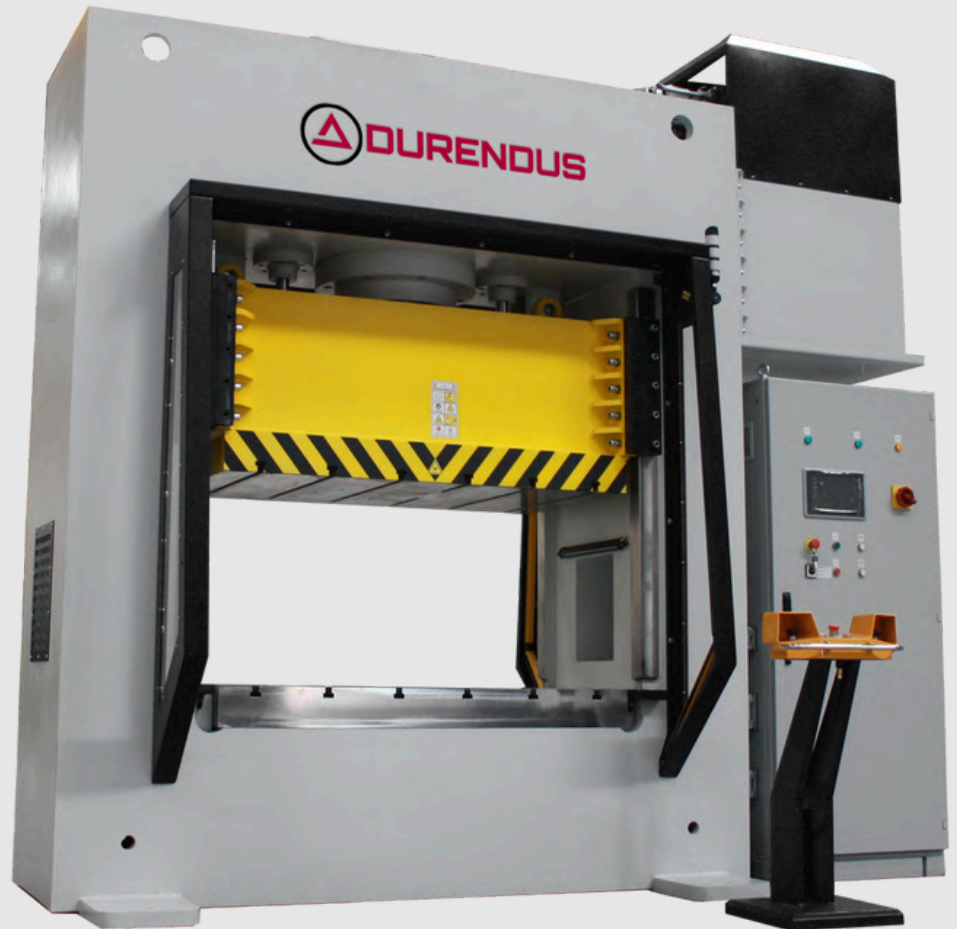
Table Lock System



Automatic Lubricating



CE-Label Rexroth Hydraulic System



## H-FRAME ECO-PRESSES | DHB |

MODEL/TON	ton	DHB100	DHB200	DHB300
WORKING AREA	mm.	800x1000	800x1000	1000x1200
STROKE	mm.	400	500	600
DAYLIGHT	mm.	500	600	700
MOTOR POWER	kW.	11	22	22
PUMP	lt.	30	48	87
APPROACHING SPEED	mm/s.	90	90	90
RETURN SPEED	mm/s.	120	120	120
WORKING SPEED	mm/s.	10	10	10
OVERALL DIMENSIONS	mm.	2200x2100x4200	2200x2100x4200	2400x2300x4500
WEIGHT	kg.	8000	10000	13000



## Standard Equipments

- Chrome Plated Cylinder
- Steel Welded Frame
- HMI Touch Screen Control Panel
- Safety Cover and Light Barrier
- Two Hand Button Control
- Adjustable Variable Pressure and Speeds on HMI Touch Screen Control Panel
- Adjustable Stroke on HMI Touch Screen Control Panel
- Pressure Gauge
- Pollution Switch
- Air Cooling
- T-Slotted Table
- User Manual
- 1 Year Warranty

## Optional Equipments

- Ejector Cylinder
- Quick Die-Changing Tool
- Anti-Vibration Pads

For more information



The utilization of the DCS series presses is predominantly seen in the manufacturing processes involving small molded materials. These presses excel in a spectrum of operations, including cutting, drilling, shaping, and drawing. The DCS model C frame presses, distinguished by their meticulously processed table surfaces, offer a noteworthy advantage compared to other hydraulic presses – their openness on three edges.

This unique design characteristic of being open on three edges proves to be a game-changer in various aspects. It facilitates easy access for mold mounting and disassembly, streamlining the manufacturing workflow. The sensitivity of the table surfaces enhances precision in operations, ensuring accurate and high-quality results.

A standout feature of the DCS series is its open front edge, which holds significant implications for material placement. This design aspect allows for the placement of materials of diverse sizes, irrespective of their dimensions. This adaptability contributes to enhanced flexibility in manufacturing processes, accommodating a range of materials and project requirements.

In response to customer preferences, the DCS series can be manufactured in an array of dimensions, features, and tonnages. This customization ensures that the presses align seamlessly with the unique needs and specifications of individual customers. The versatility of the DCS series, coupled with its open design and precision-engineered table surfaces, positions it as a reliable and adaptable solution for a wide spectrum of manufacturing applications.



# C - FRAME SINGLE ACTION PRESSES

## DCS SERIES



CE-Label Electrical System



9" Screen  
(Optional)



Linear Backward-Forward Covers



Table Lock System



Auxiliary Cylinders



CE-Label Rexroth Hydraulic System



C-FRAME SINGLE ACTION PRESSES | DCS |

MODEL/TON	ton	DCS30	DCS60	DCS100	DCS150	DCS200
WORKING AREA	mm.	500x500	600x400	800x600	900x600	1000x700
STROKE	mm.	400	400	400	500	500
DAYLIGHT	mm.	500	500	500	600	600
MOTOR POWER	kW.	5,5	7	11	15	20
PUMP	lt.	12	18	28	48	60
APPROACHING SPEED	mm/s.	110	110	110	110	120
RETURN SPEED	mm/s.	140	140	140	140	140
WORKING SPEED	mm/s.	10	10	10	10	10
OVERALL DIMENSIONS	mm.	1500x1400x2300	1500x1400x2300	1700x1500x2700	1700x1600x2900	1900x1700x2900
WEIGHT	kg.	3000	3500	5500	9000	11500

# C - FRAME DOUBLE ACTION PRESSES

**DCD**  
SERIES



## Standart Equipments

- Chrome Plated Cylinder
- Steel Welded Frame
- HMI Touch Screen Control Panel
- Safety Cover and Light Barrier
- Two Hand Button Control
- Adjustable Variable Pressure and Speeds on HMI Touch Screen Control Panel
- Adjustable Stroke on HMI Touch Screen Control Panel
- Pressure Gauge
- Pollution Switch
- Air Cooling
- T-Slotted Table
- User Manual
- 1 Year Warranty

## Optional Equipments

- Ejector Cylinder
- Quick Die-Changing Tool
- Anti-Vibration Pads
- Rod Pins

For more information



The DCD series, boasting a production capacity of up to 400 tons, stands as a versatile solution that can be further customized to meet the specific deep drawing requirements of our esteemed customers. Tailoring our presses to varying needs, we ensure that every deep drawing operation is executed with precision and efficiency, regardless of the complexity.

An additional feature enhancing the functionality of the DCD series is the inclusion of an ejector roller on the upper/lower table, specifically designed for tasks requiring an ejector mechanism. This addition streamlines the post-drawing process, making the handling of products more seamless and expeditious.

The strategic design of the DCD series is highlighted by the open configuration on three sides, facilitating easy mold mounting and disassembly. This design consideration not only simplifies operational processes but also contributes to a more efficient and user-friendly workflow.

The C type presses within the DCD series are engineered to cater to users dealing with smaller molds, offering both automatic and manual functionalities. This ensures flexibility and ease of use, catering to a broad spectrum of applications and user preferences.

At the core of our commitment to innovation and customer satisfaction is the adaptability of the DCD series. We understand that each project may have unique demands, and our presses are designed to accommodate these variations. Whether automatic or manual, the DCD series is a testament to our dedication to providing cutting-edge solutions that enhance the efficiency, speed, and precision of deep drawing processes. Your success is our priority, and we invite you to explore the capabilities of the DCD series for a seamless and tailored deep drawing experience.



# C- FRAME DOUBLE ACTION PRESSES

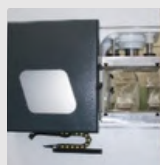
## DCD SERIES



CE-Label Electrical System



9" Screen  
(Optional)



Linear Backward-Forward Covers



Table Lock System



CE-Label Rexroth Hydraulic System



Non-Through Holes  
(Optional)



C-FRAME DOUBLE ACTION PRESSES |DCD|

MODEL/TON	ton	DCD30	DCD60	DCD100	DCD150	DCD200
WORKING AREA	mm.	500x500	600x400	800x600	900x600	1000x700
STROKE	mm.	400	400	400	500	500
DAYLIGHT	mm.	500	500	500	600	600
MOTOR POWER	kW.	5,5	7	11	15	20
PUMP	lt.	12	18	28	48	60
APPROACHING SPEED	mm/s.	110	110	110	110	120
RETURN SPEED	mm/s.	140	140	140	140	140
WORKING SPEED	mm/s.	10	10	10	10	10
CUSHION TON	ton	15	30	50	75	100
CUSHION STROKE	mm.	200	200	200	200	200
OVERALL DIMENSIONS	mm.	2200x2100x4200	2200x2100x4200	2400x2300x4500	2600x2500x4700	2600x2500x4900
WEIGHT	kg.	3000	3500	5500	9000	11500

# COLUMN FRAME PRESSES

**DCF**  
SERIES



## Standard Equipments

- Chrome Plated Cylinder
- Steel Welded Frame
- HMI Touch Screen Control Panel
- Safety Cover and Light Barrier
- Two Hand Button Control
- Adjustable Variable Pressure and Speeds on HMI Touch Screen Control Panel
- Adjustable Stroke on HMI Touch Screen Control Panel
- Pressure Gauge
- Automatic Lubrication
- Pollution Switch
- Air Cooling
- T-Slotted Table
- User Manual
- 1 Year Warranty

## Optional Equipments

- Ejector Cylinder
- Quick Die-Changing Tool
- Anti-Vibration Pads
- Rod Pins

For more information



The DCF series, with an impressive production capacity of up to 1000 tons, establishes itself as an industry-standard, yet highly adaptable solution. We take pride in offering presses that not only adhere to standardized sizes but can also be meticulously customized to align precisely with the unique requirements of our customers. This flexibility ensures that each press within the DCF series is a tailored solution capable of meeting diverse manufacturing needs.

Versatility is a hallmark of the DCF series presses, as they find applications in bending, shaping, hole punching, cutting, and straightening operations based on the specifications of the utilized mold. To enhance the overall efficiency of these presses, we recommend the incorporation of mold loading systems or other innovative mold installation solutions when required, providing a seamless and efficient integration of molds into the manufacturing process.

The frame and table of the DCF series are crafted with a high level of precision, undergoing meticulous processing. This commitment to precision ensures that our customers receive products that not only meet but exceed their expectations in terms of quality and accuracy. The superior quality of the frame and table contributes significantly to the overall performance and reliability of the DCF series, providing a robust foundation for various manufacturing applications.

With a focus on adaptability and precision, the DCF series is poised to be a valuable asset for manufacturers seeking high-capacity presses that can be tailored to their specific needs. Whether it's standard sizes or customized solutions, our presses are designed to empower our customers in their production processes, ensuring the delivery of superior products with each operation.



# COLUMN FRAME PRESSES

# DCF SERIES



**CE-Label Electrical System**



**9" Screen**



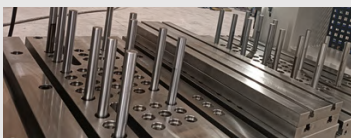
**Table Lock System**



**Hydraulic Control Shock Absorber  
(Optional)**



**CE-Label Rexroth Hydraulic System**



**Non-Through Holes  
(Optional)**



## COLUMN FRAME PRESSES | DCF |

MODEL/TON	ton	DCF100	DCF200	DCF300	DCF400	DCF500
WORKING AREA	mm.	800x1000	800x1000	1000x1200	1200x1400	1200x1500
STROKE	mm.	600	600	800	800	800
DAYLIGHT	mm.	800	800	1000	1000	1000
MOTOR POWER	kW.	15	22	22	30	30
PUMP	lt.	48	48	87	116	116
APPROACHING SPEED	mm/s.	130	130	130	130	130
RETURN SPEED	mm/s.	180	180	180	180	180
WORKING SPEED	mm/s.	15	8	10	10	8
OVERALL DIMENSIONS	mm.	2200x2100x4200	2200x2100x4200	2400x2300x4500	2600x2500x4700	2600x2500x4900
WEIGHT	kg.	8000	13000	20000	24000	32000

# 3-AXES PLATINUM STRAIGHTENING / PORTAL PRESSES

**DPS**  
SERIES



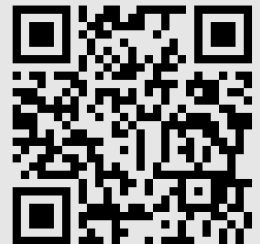
## Standart Equipments

- Chrome Plated Cylinder
- Steel Welded Frame
- Safety Cover and Light Barrier
- Control with Cable Remote
- Adjustable Variable Pressure
- Adjustable Stroke
- Pressure Gauge
- Pollution Switch
- Air Cooling
- Two-Phase Speed
- T-Slotted Table
- User Manual
- 1 Year Warranty

## Optional Equipments

- Control Panel
- Ejector Cylinder
- Anti-Vibration Pads

For more information



Primarily employed for rectifying defects such as metal curvature resulting from laser or oxygen plasma cutting, the DPS model holds a crucial role in addressing the challenges posed by materials undergoing welding processes. This versatile press is specifically designed for the straightening of steel and iron materials, encompassing diverse shapes such as round and flat profiles. Equipped with three and four different axis movements, the DPS model ensures a seamless and effective straightening process, enhancing the overall quality of the end product.

Setting itself apart from other models, the DPS boasts a distinctive feature - the presence of three open edges, providing enhanced flexibility in terms of dimensional properties. This unique attribute proves particularly advantageous for straightening round-shaped materials, making it an ideal choice, notably sought after in the defense industry.

The DPS model, known for its out-of-the-box capabilities, can be customized to meet specific requirements, offering a range of options in terms of size, tonnage, and features. This adaptability allows for tailor-made solutions that align seamlessly with customer preferences and diverse applications.

Recognized for its exceptional functionality and suitability for unconventional tasks, the DPS model stands as a practical and preferred choice, especially when dealing with non-standard production requirements. Its capacity to be manufactured in various sizes, tonnages, and features further solidifies its position as a versatile tool in metalworking processes, contributing to the efficiency and precision demanded by modern industries.

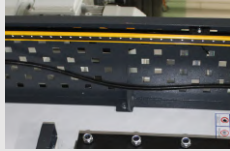


# 3-AXES PLATINUM STRAIGHTENING / PORTAL PRESSES

## DPS SERIES



CE-Label Electrical System



Light Barrier



9" Screen



Manometer



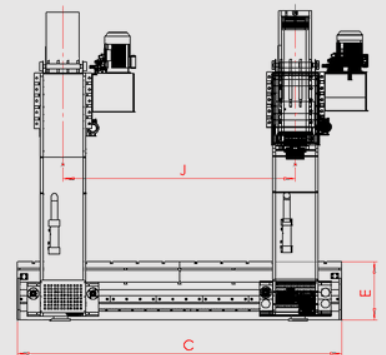
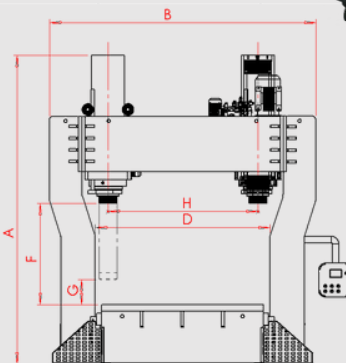
3-Axes Reducer Control



Sensor Switch



CE-Label Rexroth Hydraulic System



### PLATINUM STRAIGHTENING PRESSES | DPS |

MODEL/TON	ton	DPS100	DPS200	DPS300	DPS400	DPS500
WORKING AREA [HxJ]	mm.	750x1000	1150x1650	1600x2100	2100x3100	2100x4100
STROKE	mm.	400	500	500	600	600
DAYLIGHT	mm.	500	600	600	700	700
MOTOR POWER	kW.	4	7,5	22	30	30
PUMP	lt.	12	24	48	116	116
DISTANCE BETWEEN COLUMNS [D]	mm.	1050	1600	2100	2600	2600
TABLE HEIGHT FROM FLOOR [E]	mm.	800	850	900	950	1000
SHUT HEIGHT [G]	mm.	100	100	100	100	100
APPROACHING SPEED	mm/s.	9,8	9,8	9,8	9,8	9,8
RETURN SPEED	mm/s.	21,5	21,5	21,5	21,5	21,5
OVERALL DIMENSIONS [BxCxA]	mm.	1700x1500x2200	2700x2500x2700	3300x3000x3000	3850x4000x3400	3950x5000x3500
WEIGHT	kg.	3000	4500	9000	18000	32000



### Standart Equipments

- Chrome Plated Cylinder
- Steel Welded Frame
- Movable Cylinder
- Adjustable Pressure
- Pressure Gauge
- User Manual
- 1 Year Warranty

### Optional Equipments

- Variable Speeds
- Handwheel
- Auxiliary Cylinder
- Limit Sensor Switch
- PLC Control

For more information



These specialized machines play a crucial role in mold transactions, primarily focusing on cutting and printing operations. Notably, the requirements for high precision are not a prerequisite for these hydraulic workshop presses, positioning them as efficient tools for specific tasks within the manufacturing realm. What sets these presses apart is their adaptability to customer needs, as they can be tailored based on unique specifications and preferences.

Within the category of hydraulic workshop presses, a diverse array is available, each featuring distinct tables to accommodate a variety of applications. This flexibility allows businesses to select the workshop press that best aligns with their specific operational requirements, ensuring optimal performance and efficiency in cutting and printing tasks associated with mold transactions.

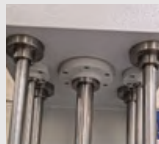
The DW series, a noteworthy example of these hydraulic workshop presses, showcases the range's capability to offer customization. Printing capacities within the DW series span from 20 to 500 tons, providing a spectrum of options to cater to different scales of operations. The table sizes within this series also vary, offering dimensions ranging from 600x200mm to 1600x550mm, further underlining the adaptability of these workshop presses to diverse manufacturing needs.

In essence, these hydraulic workshop presses, exemplified by the DW series, serve as versatile solutions that can be fine-tuned according to specific customer requirements. Whether it's the need for cutting, printing, or other mold-related transactions, these presses provide a tailored approach to meet the unique demands of each manufacturing operation, contributing to efficiency and precision in the overall production process.



# WORKSHOP PRESSES

# DW SERIES



Auxiliary Cylinders



Hand Pump



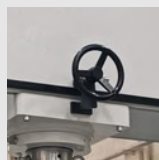
V-Block



Manometer



Switch Sensor



Handwheel

WORKSHOP PRESSES |DW|

MODEL/TON	ton	DW20	DW30	DW60	DW80	DW100	DW120	DW150	DW180	DW200	DW250	DW300	DW400
WORKING AREA	mm.	600x200	700x300	900x300	900x300	1000x350	1250x400	1250x400	1400x400	1500x400	1500x450	1600x550	1600x550
STROKE	mm.	400	400	400	400	400	400	400	400	400	400	400	400
DAYLIGHT	mm.	900	900	900	900	900	900	900	900	900	900	900	900
MOTOR POWER	kW.	0,75	1,5	2,2	3	4	4	5,5	7,5	9	15	22	22
PUMP	lt.	3	6,5	8,5	11,5	14,5	14,5	20	22	27,5	35	48	48
APPROACHING SPEED	mm/s.	8,09	10,4	8,02	8,02	8,5	8,07	8,03	8	8,4	8,2	9,3	8,7
RETURN SPEED	mm/s.	11,3	15,3	13,4	11	13,4	12,6	12,2	11,8	11,4	13,3	15,2	13,7
CYLINDER	mm.	90	115	150	180	190	200	230	240	280	300	330	360
PISTON	mm.	50	65	95	100	115	125	135	135	160	185	205	235
WEIGHT	kg.	350	500	750	800	900	1300	1400	1700	2100	2600	3200	4000



### Standart Equipments

- Chrome Plated Cylinder
- Steel Welded Frame
- HMI Touch Screen Control Panel
- Safety Cover and Light Barrier
- Two Hand Button Control
- Adjustable Variable Pressure and Speeds on HMI Touch Screen Control Panel
- Adjustable Stroke on HMI Touch Screen Control Panel
- Pressure Gauge
- Automatic Lubrication
- Pollution Switch
- Air Cooling
- T-Slotted Table
- User Manual
- 1 Year Warranty

### Optional Equipments

- Ejector Cylinder
- Quick Die-Changing Tool
- Anti-Vibration Pads

For more information



Thermal Insulation



Crafted specifically for shaping processes involving hot molds, presses of this type serve as indispensable tools in the formation of rubber-like materials. The unique capability of accommodating these materials in hot molds and exerting pressure to achieve precise target shapes makes them a cornerstone in various manufacturing applications.

Ensuring flawless mold-forms necessitates meticulous control over several critical parameters. These include setting the waiting time, managing temperature rates, optimizing pressure force, and determining the requisite time for discharging accumulated air within the system. The delicate interplay of these factors is pivotal in guaranteeing the integrity and precision of the final molded products.

Structurally versatile, these presses can be manufactured in a variety of constructions, allowing for tailored solutions that align precisely with the specific needs and requirements of diverse manufacturing processes. This adaptability ensures that the presses seamlessly integrate into a wide range of applications, contributing to the efficiency and effectiveness of shaping processes.

Notably, this type of press transcends standard production norms. It is meticulously designed to be customizable in terms of size, tonnage, and features, providing manufacturers with the flexibility needed to address unique project demands. This bespoke approach not only underscores our commitment to customer satisfaction but also emphasizes our dedication to delivering cutting-edge solutions that empower businesses in their pursuit of manufacturing excellence.



# SPECIAL PRESSES

# DSP SERIES



CE-Label Electrical System



Ejector



9" Screen



Linear Backward-Forward Covers



Table Lock System



Automatic Lubrication



CE-Label Rexroth Hydraulic System



Hydromotor Control Moveable Table

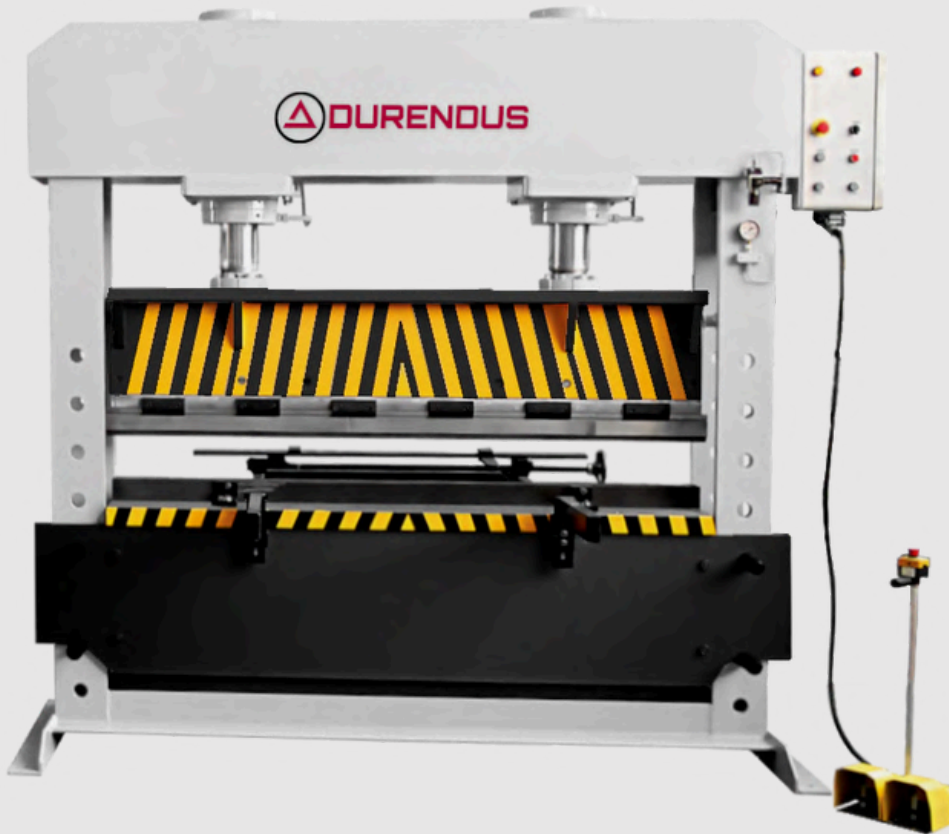


## SPECIAL PRESSES | DSP |

MODEL/TON	ton	DSP100	DSP200	DSP300	DSP400	DSP500
WORKING AREA	mm.	800x10000	800x1000	1000x1200	1200x1400	1200x1500
STROKE	mm.	1000	1000	1000	1000	1000
DAYLIGHT	mm.	1000	1000	1000	1000	1000
MOTOR POWER	kW	22	22	22	30	30
PUMP	lt.	48	48	87	116	116
APPROACHING SPEED	mm/s.	100	100	100	100	100
RETURN SPEED	mm/s.	140	140	140	140	140
WORKING SPEED	mm/s.	15	8	10	10	8
OVERALL DIMENSIONS	mm.	2200x2100x4200	2200x2100x4200	2400x2300x4500	2600x2500x700	2600x2500x4900
WEIGHT	kg	8000	9500	11000	12500	14000

## Standart Equipments

- Chrome Plated Cylinder
- Steel Welded Frame
- Bending Tool
- Adjustable Pressure
- Pressure Gauge
- User Manual
- 1 Year Warranty



For more information



Among the myriad hydraulic presses that populate production areas across industries, press brakes stand out as unique models with distinct structures. Unlike many conventional hydraulic presses, press brakes are specialized tools specifically designed for shaping metals. These presses play a crucial role in the manufacturing landscape, offering unparalleled flexibility and efficiency in the formation of metal components.

Referred to as press brakes, these specialized presses excel in shaping metals through a diverse range of forming processes. Their adaptability allows for quick and efficient execution of various forming tasks, making them indispensable in a variety of metalworking applications. The versatility of press brakes is further enhanced by their availability in different structural configurations, providing manufacturers with the capability to undertake both standard and bespoke projects.

The diverse structures in which press brakes are manufactured open up avenues for performing specialized tasks alongside standard operations. This unique feature allows businesses to address specific and intricate metal shaping requirements with precision and ease. Whether it's bending, folding, or any other forming process, press brakes are engineered to meet the demands of diverse industrial applications.

Customization is a key attribute of press brakes, as they can be manufactured in different tonnages, dimensions, and specifications according to the specific needs and requests of customers. This adaptability ensures that press brakes seamlessly integrate into various production setups, aligning with the unique requirements of each manufacturing project. As a result, press brakes emerge not just as machines but as versatile solutions that contribute significantly to the efficiency and innovation of metal shaping processes in the industrial landscape.



# PRESS BRAKES

**DBP**  
SERIES



**Backgauge**  
(Optional)



**Manual Promecam Punch  
Tool Holder**  
-  
**Front Sheet Holder**



**Upper/Bottom  
Bending Tool**



**Pressure Switch**  
-  
**Sensor Control**



## PRESS BRAKES | DBP |

MODEL/TON	ton	DBP100	DBP150	DBP200
BENDING TOOL	mm.	1000	1250	1500
STROKE	mm.	400	400	400
DAYLIGHT	mm.	600	600	600
MOTOR POWER	kW.	11	15	18,5
PUMP	lt.	33	42	55
APPROACHING SPEED	mm/s.	12,5	14	13
RETURN SPEED	mm/s.	22	24	25,5
OVERALL DIMENSIONS	mm.	2200x1100x2800	2200x1100x2800	2400x1200x3000
WEIGHT	kg.	2000	3500	5000

# C - FRAME ECCENTRIC PRESSES

**DCE**  
SERIES

## Standart Equipments

- Steel construction body
- Adjustable stroke
- Eccentric Crankschaft was made filling
- Liner washer system in connecting rod
- Central lubrication system
- Adjustable rear slides
- 6 guide ram
- Ram adjustment with motor
- Hydraulic overload protection system
- Gear box welded to body
- Gears closed system in oil
- Maint table with T slots
- Material and scrap Groove
- Automatic Reversible Fluid Lubrication System
- Foot paddle
- Double hand control
- Single-continious-interrupted shot options
- PLC applied
- Electric counter
- Security PLC
- Compliance with CE directives
- Press Safety Valve
- Ram Cushioning Cylinders

## Optional Equipments

- Speed Control Unit



For more information



The DCE series mechanical presses stand as a versatile solution catering to a diverse range of applications across industries engaged in punching, stamping, cutting, and deep drawing operations. Crafted from S355JR steel, these presses undergo a stabilization process and meticulous mechanization at the conclusion of welding to ensure impeccable parallelism and precision in their construction. Each component is carefully considered and calculated, with the aid of finite element software, emphasizing our commitment to maintaining high standards of precision and quality.

The rod within the DCE series is meticulously engineered using high-strength forged steel, complemented by high-performance alloy bushings, showcasing our dedication to durability and reliability in every aspect of the press design. This combination of materials ensures not only robustness but also enhances the overall performance of the press in demanding industrial environments.

To further underscore our commitment to perfect maintenance and optimal operation, our entire range of mechanical presses comes equipped with centralized automatic lubrication featuring a programmable progressive system. This advanced lubrication system guarantees seamless functionality, minimizes wear and tear, and prolongs the lifespan of the presses, providing our customers with a cost-effective and reliable solution for their diverse manufacturing needs.

In essence, the DCE series mechanical presses embody a fusion of robust construction, precision engineering, and innovative features, making them a dependable choice for industries seeking excellence in punching, stamping, cutting, and deep drawing applications. Our continuous dedication to high standards ensures that these presses not only meet but exceed the expectations of our valued customers.

# C - FRAME ECCENTRIC PRESSES

**DCE**  
SERIES



Stroke Adjustment



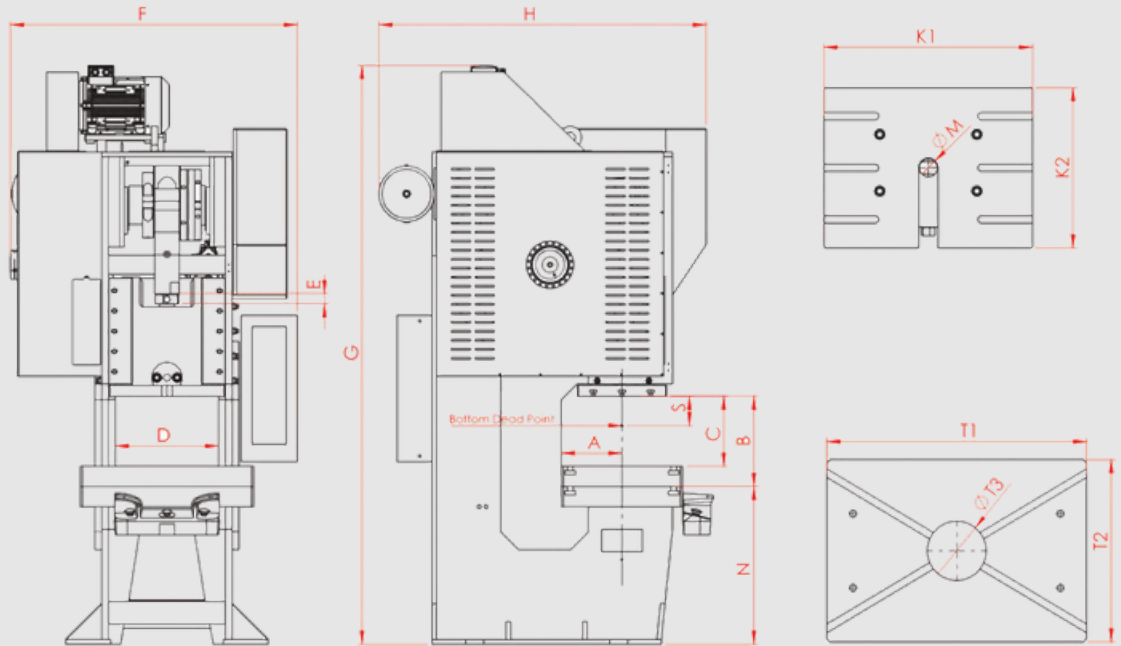
Central Lubrication



Light Barrier



Ram Cushioning Cylinders



C - FRAME ECCENTRIC PRESSES | DCE |

MODEL/TON	ton	DCE80	DCE100	DCE130	DCE150	DCE200	DCE250
THROAT DEPTH [A]	mm.	270	270	305	305	395	395
TABLE - RAM DISTANCE [B]	mm.	400	400	470	470	580	580
ADDITIONAL TABLE - RAM DISTANCE [C]	mm.	315	315	370	370	465	465
HOUSING WIDTH [D]	mm.	480	480	570	570	650	650
RAM ADJUSTMENT [E]	mm.	75	75	90	90	100	100
PRESS WIDTH [F]	mm.	1480	1480	1800	1800	1860	1860
PRESS HEIGHT [G]	mm.	2600	2600	2900	2900	3300	3300
PRESS DEPTH [H]	mm.	1540	1540	1800	1800	2200	2200
TABLE WIDTH [T1]	mm.	770	770	950	950	1080	1080
TABLE DEPTH [T2]	mm.	540	540	610	610	790	790
TABLE HOLE DIAMETER [T3]	mm.	175	175	205	205	255	255
RAM WIDTH [K1]	mm.	515	515	750	750	890	890
RAM DEPTH [K2]	mm.	395	395	450	450	515	515
MORS DEPTH DIAMETER [M]	mm.	45	45	50	50	70	70
TABLE HEIGHT FROM FLOOR [N]	mm.	700	700	720	720	745	745
STROKE [S]	mm.	10-95	10-95	10-110	10-110	10-145	10-145
STROKE PER MINUTE	spm.	56	56	53	53	44	44
MOTOR POWER	kW.	7,5	11	11	15	10	22
MOTOR SPEED	rpm.	1500	1500	1500	1500	1500	1500
WEIGHT	kg.	4600	4750	7500	7700	12000	12400



# D - FRAME ECCENTRIC PRESSES

**DDE**  
SERIES

## Standart Equipments

- Steel Welded Frame
- The body of the press was annealed stress relieved
- Adjustable stroke
- Eccentric Crankschaft was made filling
- Liner washer system in connecting rod
- Automatic Reversible Fluid Lubrication System
- Adjustable rear slides
- 6 guide ram
- Ram adjustment with motor
- Hydraulic overload protection system
- Gear box welded to body
- Gears closed system in oil
- Maint table with T slots
- Material and scrap Groove
- Foot paddle
- Double hand control
- Single-continious-interrupted shot options
- PLC applied
- Electric counter
- Security PLC
- Compliance with CE directives
- Press Safety Valve
- Ram Cushioning Cylinders

## Optional Equipments

- Speed Control Unit



For more information



The double stanchion presses DDE series stand as an exceptional solution, aptly suited for a wide spectrum of applications within industries such as automotive, aerospace, rail, and various others associated with metal forming processes. These presses, characterized by their double reduction design, feature either one or two connecting rods, delivering versatility in their operational capabilities.

Constructed from robust S355JR steel, the presses undergo a stabilization process and precise machining at the culmination of the welding procedure to ensure impeccable parallelism and precision. The calculated and meticulous design, facilitated by finite element software, reflects our unwavering commitment to maintaining elevated standards of precision and quality across the entire DDE series.

The rod within these presses is meticulously crafted using high-strength forged steel and complemented by high-performance alloy bushings, exemplifying our dedication to durability and reliable performance in the most demanding applications. To ensure seamless functionality and optimal operation, our entire DDE series is equipped with centralized automatic lubrication featuring a programmable progressive system, underscoring our emphasis on efficient maintenance practices.

Designed with a sophisticated system of eccentric gears with opposite rotation, these presses facilitate a double reduction in speed and offer extended strokes. This unique design attribute not only enables high energy output at low nominal speeds but also makes the presses particularly suitable for intricate drawing operations.

# D - FRAME ECCENTRIC PRESSES

**DDE**  
SERIES



Stroke Adjustment



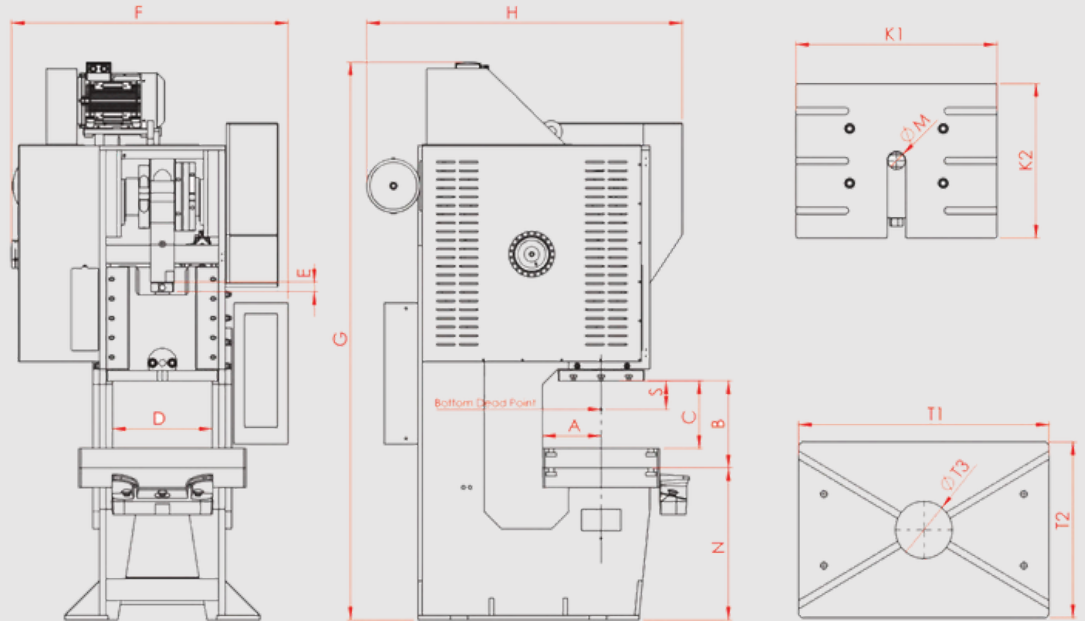
Central Lubrication



Light Barrier



Ram Cushioning Cylinders



D - FRAME ECCENTRIC PRESSES | DDE |

MODEL/TON	ton	DDE150	DDE250
THROAT DEPTH [A]	mm.	350	435
TABLE - RAM DISTANCE [B]	mm.	485	580
ADDITIONAL TABLE - RAM DISTANCE [C]	mm.	700	870
HOUSING WIDTH [D]	mm.	610	710
RAM ADJUSTMENT [E]	mm.	90	100
PRESS WIDTH [F]	mm.	1800	1900
PRESS HEIGHT [G]	mm.	3000	3350
PRESS DEPTH [H]	mm.	1850	2350
TABLE WIDTH [T1]	mm.	950	1150
TABLE DEPTH [T2]	mm.	490	860
TABLE HOLE DIAMETER [T3]	mm.	220	255
RAM WIDTH [K1]	mm.	750	890
RAM DEPTH [K2]	mm.	450	515
MORS DEPTH DIAMETER [M]	mm.	50	70
TABLE HEIGHT FROM FLOOR [N]	mm.	800	800
STROKE [S]	mm.	10-110	10-145
STROKE PER MINUTE	spm.	56	44
MOTOR POWER	kW.	15	22
MOTOR SPEED	rpm.	1500	1500
WEIGHT	kg.	8000	13000



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