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Digima Iron Worker DX35Y-40 200T





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Digima Iron Worker DX35Y-40 hydraulic steel shears and punching machine – 200-ton press force, sheet cutting up to 40 mm

Hydraulic steel shears / Iron Worker

Digima Iron Worker DX35Y-40 200T

Multifunctional station for cutting, punching, shearing, notching and bending metal

Digima DX35Y-40 is an industrial-grade hydraulic **Iron Worker** machine, designed for intensive work in metalworking plants, production workshops and companies manufacturing steel structures.

The machine combines several workstations in one compact design: **hole punching, sheet cutting, bar shearing, angle cutting, notching and bending**. This allows it to replace several separate machines, saving space and reducing production setup time.

200T

Maximum press force

200 tons

40

Maximum cut sheet thickness

up to 40 mm

18.5

Main motor power

18.5 kW

40

Maximum punching diameter

Ø40 mm

One machine – multiple metalworking operations.

DX35Y-40 allows punching, cutting, shearing, notching and bending at one workstation, increasing production flexibility and reducing the need to invest in several separate machines.

Product photos

Main photo and 4 additional photos presenting the machine's functions

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Hole-punching station – 200-ton press force

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Hydraulic sheet metal shears – cutting material up to 40 mm

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Cutting steel angles, bars and profiles



Measuring table, stops and safety guards

Key advantages

Why choose the Digima Iron Worker DX35Y-40?

200-ton press force — very high working force for hole punching and processing thick, demanding steel materials.

Sheet cutting up to 40 mm — ability to work with very heavy steel sheets in workshop and industrial applications.

Multiple functions in one machine — punching, cutting, shearing, notching and bending without the need for several separate machines.

Intuitive operation — quick operator onboarding and convenient transition between workstations.



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Low operating costs – the hydraulic working system delivers high force with moderate energy demand.

Stable construction – machine designed for repetitive operations and intensive production use.

Quick tool change – solutions that facilitate changeovers and reduce production downtime.

Operational safety – guards and safety components protect the operator from moving machine parts.

Working functions

Versatile metalworking at one station

Digima DX35Y-40 is equipped with dedicated stations for various technological operations. The machine enables hole punching, sheet cutting, shearing round and square bars, angle cutting and rectangular as well as V-type notching.

Hole punching – the maximum hole diameter in the standard configuration is Ø40 mm.

Sheet cutting – the maximum thickness of the cut plate is up to 40 mm.

Profile cutting – ability to work with angles, T-bars, I-beams and channels.

Notching – processing of corners and rectangular as well as V-type cut-outs.

Bar shearing – work with round and square bars depending on tooling.

Bending – ability to perform simple bending operations using suitable tools.

Equipment

Configuration supporting accuracy, convenience and safety

The machine is prepared for everyday work in a production environment. Supporting equipment allows faster workpiece setup, stable material guidance and reduces the time required to change operations.

Quick-change nut and clamping sleeve – fast tooling changes during production changeovers.



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Angle arm with precision scale — precise positioning of material relative to the blades.

Electronic backgauge — support for serial cutting of components to repeatable lengths.

Measuring table with stops — stable support and workpiece referencing.

Punching-table base — a rigid foundation for a stable punching process.

Safety guards — safeguards protecting the operator from working components.

Applications

What applications is the Iron Worker DX35Y-40 suitable for?

The Digima DX35Y-40 hydraulic punching machine is well suited for plants manufacturing steel structures, infrastructure elements, machine components, construction machinery and parts requiring repeatable cutting, punching and profile processing.

Steel structures — cutting, punching and preparation of assembly components.

Metalworking workshops — a universal machine for everyday metalworking tasks.

Industrial production — series processing of repeatable workpieces.

Construction machinery — preparation of sheets, profiles and structural components.

Infrastructure components — processing steel parts for technical structures.

Metalworking plants — space savings thanks to combining multiple functions in one machine.

Technical specification

Technical specifications of the Digima DX35Y-40

Model **DX35Y-40**

Machine type **Hydraulic steel shears / Iron Worker punching machine**



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Brand **Digima**

Condition **New**

Maximum press force **200 tons**

Maximum cut plate thickness **40 mm**

Cutting angle **8°**

Working stroke range **40 × 335 mm do 30 × 600 mm**

Punching depth **35 mm**

Machined material strength **up to 450 N/mm²**

Main motor power **18.5 kW**

Throat depth **530 mm**

Maximum punching diameter **Ø40 mm**

Machine dimensions **2900 × 1000 × 2500 mm**

Operating frequency **6–16 cycles/min**

Main functions **Punching, sheet cutting, bar shearing, angle cutting, notching, bending**