

SHEARING MACHINE

Q11K



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CONTACT US

COMPANY PROFILE

Established in 2002, ADH Company is situated in Ma'anshan City, Anhui Province, just 30 kilometers from Nanjing Lukou Airport. Our expansive 2,000,000 square meter facility specializes in manufacturing press brakes, hydraulic shearing machines, laser cutting machines (including automatic production units), CNC turret punches, intelligent flexible bending centers, and sheet metal automation equipment. As a leading high-tech manufacturer prioritizing R&D and innovation, we hold numerous patents and industry certifications.

2002

Founded

6000 +

Annual Production

120 +

R&D Personnel

100 +

Exported Countries



Mission

We are committed to research and development, improving product and service quality, in order to establish a globally renowned sheet metal manufacturing machinery center.



Vision

Our goal is to become a highly respected sheet metal support service provider, earning the trust of customers and the pride of employees.



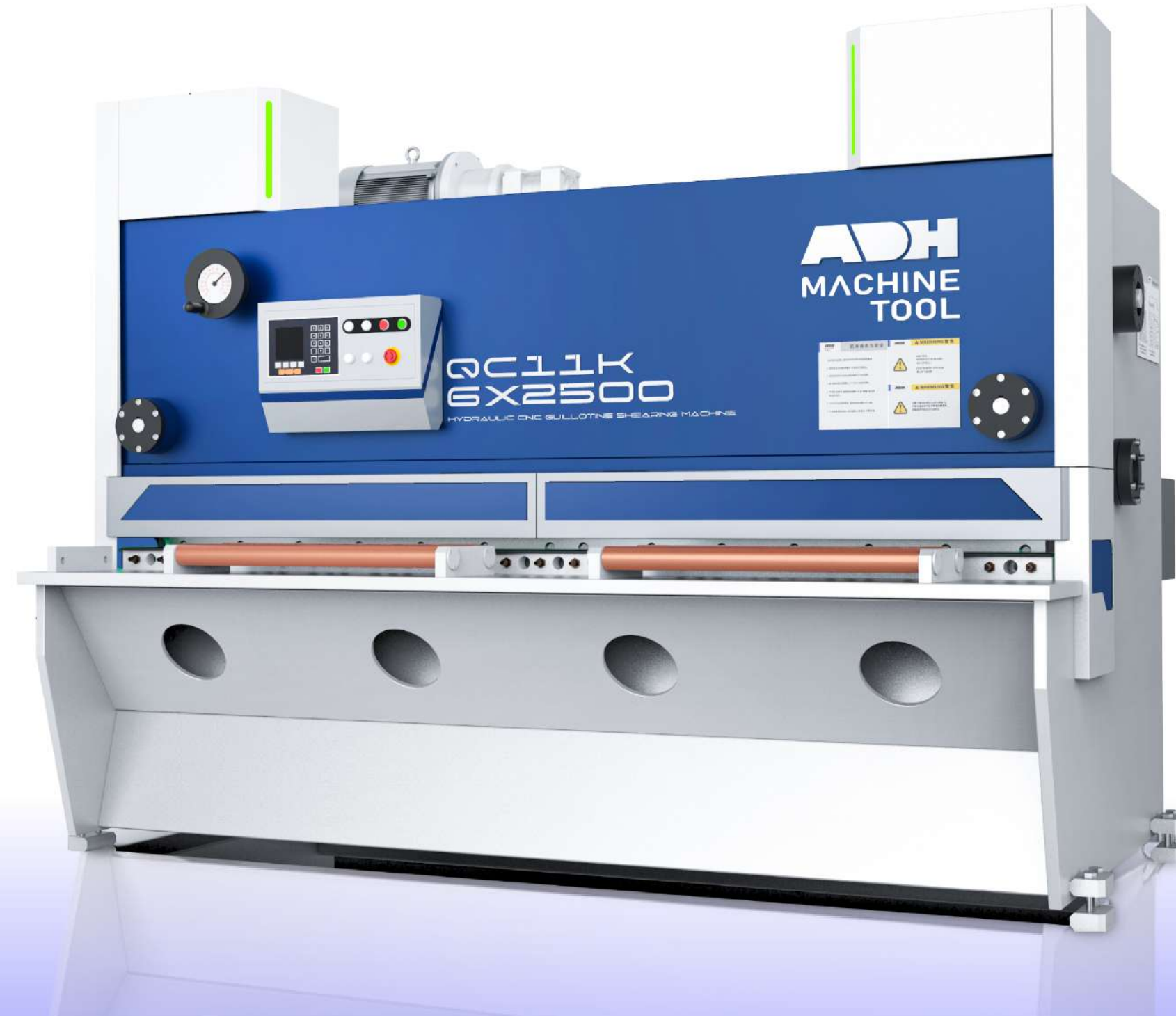
Values

Innovation, Lean Manufacturing, Integrity, Win-Win.

SHEARING MACHINE

Guillotine

Q11K Series



- High-speed electro-hydraulic servo for precise bends.
- Mechanical deflection ensures uniform bending accuracy.
- Digital backgauge enables rapid workpiece alignment.
- Robust construction withstands high-volume production demands.
- Energy-efficient operation reduces power consumption.
- User-friendly interface simplifies complex operations.

PRODUCT DETAILS

Backgauge (Optional)

- Motorized backgauge enhances precision and surface finish, providing accurate plate alignment and measurement consistency during cutting operations.
- Backgauge includes advanced features like servo control and adjustable range, ensuring reliable and efficient material positioning for diverse cutting requirements.



Motor

- The equipment uses high-quality main motors from top brands like Siemens or Wannan, ensuring reliable performance.
- Voltage customization provides flexibility with tailored 3-phase options like 220V/60Hz, 380V/60Hz, and 415V/60Hz for global integration.



Control System

- Voltage customization provides flexibility with tailored 3-phase options like 220V/60Hz, 380V/60Hz, and 415V/60Hz for global integration.
- It allows storage of 40 programs with 25 steps each, single-side positioning, retraction, and one-touch parameter backup and recovery for efficient operation.





Servo Motor (Optional)

- The rear servo reduction motor delivers excellent quality and fast positioning speeds, enhancing efficiency and ensuring reliable operation in simulation tasks.



Electrical Components

- Premium electrical components ensure stable power, precise control, and unwavering reliability, contributing to consistent accuracy, peak performance, and extended machine lifespan.

Automatic Angle Adjustment

- Automatically adapts shearing angle to plate thickness, minimizing manual input, enhancing accuracy, and boosting operational efficiency.
- Motorized system provides consistent, precise angle adjustments based on material thickness, streamlining workflow for increased productivity.



Hydraulic Valve

- Features an internationally recognized Rexroth hydraulic valve block, ensuring quality, reliability, and stable machine performance with infrequent oil leakage or jamming.
- Utilizes an electro-hydraulic proportional pressure valve for programmable control, ensuring stable operation and real-time oil pressure monitoring for equipment protection.



Lubrication Device (Optional)

- Available in automatic or manual models, the lubrication device enhances operational flexibility and convenience, tailored to diverse workshop needs and preferences.

Feeding Port

- Designed to meet international safety standards, the feeding port features adjustable height for precise, versatile material handling and enhanced operational safety.
- Ensuring operator protection, the feeding port offers adjustable height for diverse sheet thicknesses, supporting precise and safe material input.



OPTIONAL



Hydraulic Oil Cooling Device

- Maintains optimal hydraulic oil temperature, ensuring stable machine operation and preventing overheating during sustained use for enhanced reliability.
- Effectively cools hydraulic fluid to protect components and extend system lifespan, ensuring consistent performance and machine durability in demanding environments.



Cutting Line Illumination

- Ensures precise alignment for accurate shearing and improved cutting quality.
- Illuminates the cutting path with a shadow line for accurate material positioning.
- Features a shadow line system to guide precise cuts and reduce waste.



Pneumatic Sheet Support

- Cylinder-driven support improves precision and reduces deformation for better cut quality.
- Automatically supports thin plates, ensuring smooth and accurate cutting.
- Provides consistent support for cleaner edges and higher precision.

GUILLOTINE SHEAR



ESTUN E200PS

- High-definition LCD (128x64 pixels) for operational data.
- Backgauge control with synchronized position display.
- Control over blade gap and cutting stroke.
- Stores 100 program steps for recall.
- Motor control: servo, variable frequency, dual-speed AC.
- Cutting count; panel-mounted installation.



ELGO P40T

- TFT touch display with manual/single-set operation
- Material-dependent gap/angle/pressure algorithms
- I 2A digital & analog capacity
- Program memory
- Cut automat function



DELEM DAC-360T

- Panel Installation
- High-Brightness LCD Display
- Backgauge Control
- Retract Function
- Shear Angle Control
- Shear Clearance Control
- Shear Stroke Control
- Manual Axis Movement
- Pressure Control

HEAVY-DUTY SHEARS



Model: QC12K-16x8000

Large hydraulic CNC swing shears

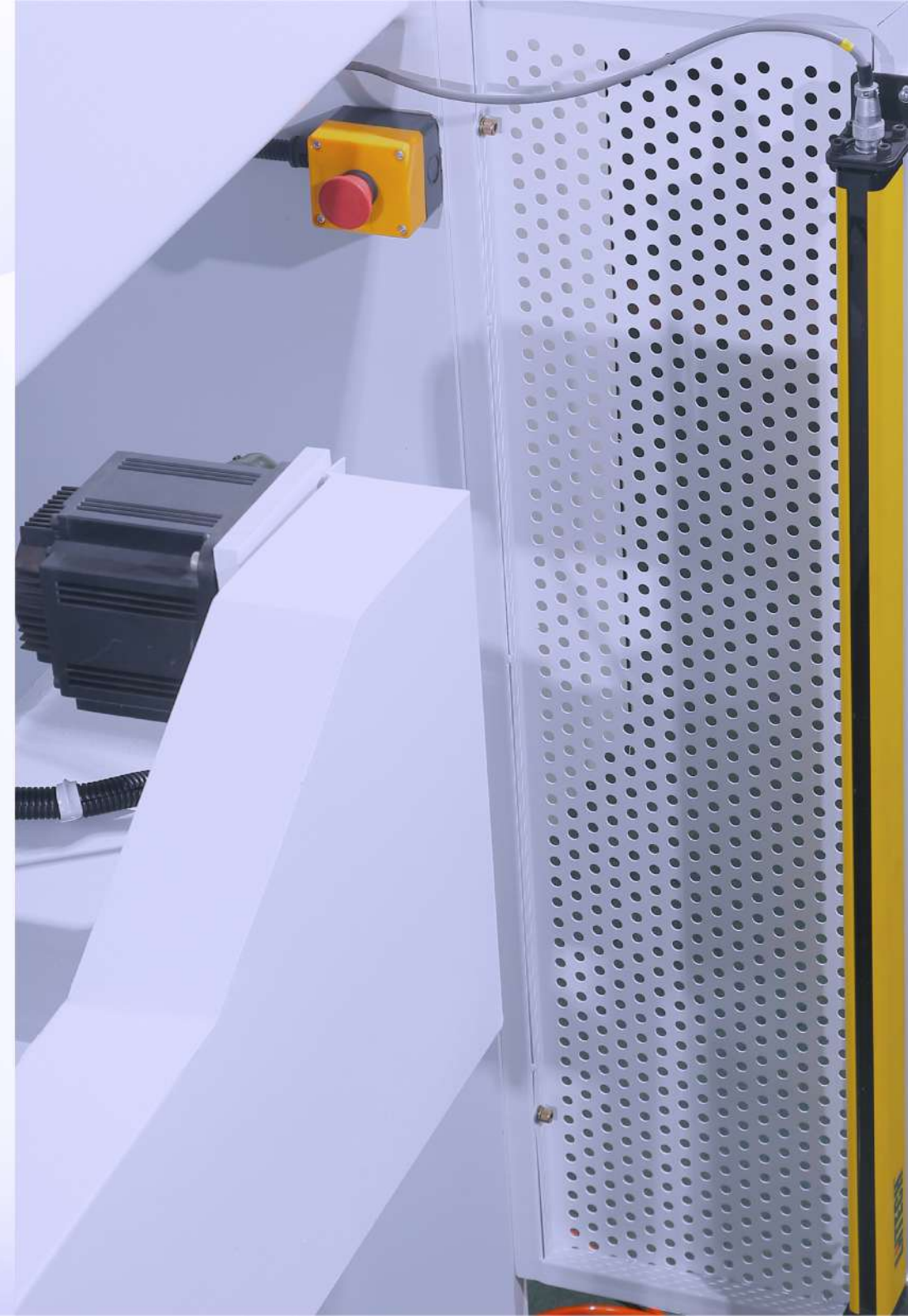
- RClassic pendulum structure, 30% reduction in failure rate, is your strong backing for stable production.
- Optimized hydraulic system, shearing speed increased to 15 times/minute, achieving higher productivity at lower cost.
- Overall welded body, can withstand 1.5 times super load, easily cope with thick plate shearing challenges.



Model: Q11K-16x10000

Q11K Series Large Hydraulic Guillotine CNC Shearing Machine

- Vertical shearing with straightness up to $\pm 0.05\text{mm/meter}$ ensures every cut is flawless.
- CNC adjustable shearing angle and backgauge reduce cutting distortion by 50%, making finished products truly premium.
- With nitrogen return, speed is increased by 20%, efficiently and accurately handling everything from precision thin sheets to extra-thick steel plates.



LIGHT CURTAIN

Specifications

Q11K Series

SPECIFICATIONS									
Model	Cutting Thickness	Cutting width	Oil Tank	Stroke	Backgauge range	Cutting Angle	Main Power	Weight	Dimensions
Unit	mm	mm	L	times/min	mm	°	KW	Ton	mm
6*2500	6	2500	300	16-25	20-800	30°-1°30′	7.5	6.0	3200*1950*2050
6*3200	6	3200	300	14-20	20-800	30°-1°30′	7.5	6.9	3900*1950*2075
6*4000	6	4000	340	12-17	20-800	30°-1°30′	7.5	8.3	4640*2000*2100
6*5000	6	5000	340	8-14	20-800	30°-1°30′	11	14.7	5780*2100*2380
6*6000	6	6000	340	7-12	20-800	30°-1°30′	11	19.4	6750*2200*2500
8*2500	8	2500	300	13-20	20-800	30°-1°30′	11	6.5	3150*1970*2055
8*3200	8	3200	300	11-18	20-800	30°-1°30′	11	7.8	3850*2050*2100
8*4000	8	4000	340	9-16	20-800	30°-1°30′	15	10.9	4650*2100*2400
8*5000	8	5000	350	8-15	20-800	30°-1°30′	15	16.3	5700*1950*2600
8*6000	8	6000	580	7-14	20-800	30°-1°30′	15	22.6	6750*2250*2615
13*2500	13	2500	405	10-20	20-800	30°-2°	22	8.0	3250*1950*2110
13*3200	3	3200	405	9-18	20-800	30°-2°	22	10.5	3900*2070*2315
13*4000	13	4000	405	8-16	20-800	30°-2°	22	14.2	4800*2150*2460
13*5000	13	5000	505	7-14	20-1000	30°-2°	22	23.1	5800*2270*2800
13*6000	13	6000	1020	6-12	20-1000	30°-2°	37	28.4	6950*2450*3050
16*2500	16	2500	475	9-18	20-800	30°-2°30′	22	9.8	3280*2020*2270
16*3200	16	3200	475	8-17	20-800	30°-2°30′	22	12.8	3950*2150*2450

SPECIFICATIONS									
Model	Cutting Thickness	Cutting width	Oil Tank	Stroke	Backgauge range	Cutting Angle	Main Power	Weight	Dimensions
Unit	mm	mm	L	times/min	mm	°	KW	Ton	mm
16*4000	16	4000	595	7-15	20-800	30°-2°30′	22	15.8	4800*2130*2550
16*5000	16	5000	595	5-11	20-800	30°-2°30′	30	23.6	5810*2330*2780
16*6000	16	6000	1020	6-11	20-1000	30°-2°30′	37	34.1	7000*2500*3000
16*8000	16	8000	2060	4-8	20-1000	30°-2°30′	45	65.1	9050*3180*3500
20*2500	20	2500	510	7-16	20-800	30°-3°	30	13.1	3200*2220*2520
20*3200	20	3200	510	6-15	20-800	30°-3°	30	15.5	3950*2150*2600
20*4000	20	4000	640	6-14	20-800	30°-3°	37	21.7	4750*2400*2900
20*6000	20	6000	1500	5-11	20-1000	30°-3°	30*2	46.2	7000*2850*3350
25*2500	25	2500	750	5-14	20-800	30°-3°30′	37	15.8	3270*2000*2650
25*3200	25	3200	820	5-10	20-800	30°-3°30′	37	19.4	3970*2200*2670
25*4000	25	4000	1200	5-8	20-800	30°-3°30′	45	27.3	4900*2800*3190
30*2500	30	2500	780	5-12	20-1000	30°-3°	45	22.6	3450*2500*2900
30*3200	30	3200	1000	4-10	20-1000	30°-3°	45	28.4	4150*2700*2850
30*4000	30	4000	1400	3-7	20-1000	30°-3°30′	55	36.8	5200*2600*3350
40*2500	40	2500	1370	4-8	20-1000	30°-4°	55	38.3	4000*2950*3150