MACHINERY
AMMUNITION LINE
TOOLING
ateșçi
Atesçi started its business activities in the year of 2002 by manufacturing lead based products in the hunting industry. It started production on leadshot, buckshot and slug in this context and commercialized these products in domestic and international markets. The demand for machinery in the industry drove Ateşçi to designing and manufacturing machinery. Manufactured with a unique design, machinery became highly sought in domestic and international markets in a short time. Ateşçi by taking the lead based demands of the Defence Industry into consideration, machinery and product diversity increased and, as a result, a series of ammunition machinery such as Lead Wire Extrusion Machine, Lead Core Press, Case Grooving and Trimming machine became part of the Ateşçi’s portfolio. Subsequently, production on ammunition components started based on the demands of the market. The machinery portfolio kept on growing with each passing day, owing to the experience and knowledge that was gained. Ateşçi presently has the capacity to establish an interlinking ammunition line by manufacturing all the machinery, press, automated machines and mould sets that are necessary for ammunition production.

Ateşçi is situated in the largest Industrial Zone in the Middle East, which houses more than 20,000 factories, and has access to work with hundreds of subcontractors in this region. Designing all the machinery and equipment in-house, it also assembles the mechanical parts, the production of which is outsourced to outstanding and qualified subcontractors. Quality control standards are rigorously applied in every stage throughout the production and assembly, ensuring that the products are above the customer’s expectations. Although it is a very new company, Ateşçi has achieved a position where it can compete with the long established ammunition line producers by taking advantage of its location. The dynamism and position of the company makes it possible to offer faster and cost-effective solutions in comparison to its competitors.

Ateşçi attends the international trade shows in the Defence and Weapons industry, following up on the latest developments and progress. Running large ammunition line projects in international markets, Ateşçi provides services on installation of ammunition factories, its modernization level and capacity increase.
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**CUP PRESS**

Cup Press is a vertical double action press which transforms metal strips into metal cups. There are two nested eccentrics in the press which makes two actions possible in one stroke, just after metal disks are cut out in the first action, the second action forms these disks into cups. The 8 Guides Slide System is designed not to lose accuracy even under extreme conditions. It is a fully automated PLC controlled machine. The machine is equipped with different type of sensors placed on various points. In this way it runs synchronized with Strip Straightener and Coil Winder. The user-friendly touch LCD screen not only monitors the performance of the machine but also enables operators to control and configure the production.

The capacity of the press depends upon the number of tools which varies from different calibers.

<table>
<thead>
<tr>
<th>Capacity Table</th>
<th>Hot Cup / min</th>
<th>Cold Cup / min</th>
</tr>
</thead>
<tbody>
<tr>
<td>9*19 mm</td>
<td>800</td>
<td>800</td>
</tr>
<tr>
<td>5.56*45 mm</td>
<td>960</td>
<td>960</td>
</tr>
<tr>
<td>7.62*39 mm</td>
<td>800</td>
<td>800</td>
</tr>
<tr>
<td>7.62*51 mm</td>
<td>800</td>
<td>800</td>
</tr>
<tr>
<td>7.62*54 mm</td>
<td>800</td>
<td>800</td>
</tr>
<tr>
<td>12.7*99 mm</td>
<td>480</td>
<td>480</td>
</tr>
<tr>
<td>12.7*108 mm</td>
<td>480</td>
<td>480</td>
</tr>
<tr>
<td>14.5*114 mm</td>
<td>480</td>
<td>480</td>
</tr>
</tbody>
</table>

**STRIP DE-COILER**

De-coiler is used for unwinding and driving metal strips to Strip Straightener.

**STRIP STRAIGHTENER**

Strip Straightener rectifies metal strips down by De-coiler and feeds it into Double Action Press. It is equipped with sensors enabling it to run in synchronisation with Strip De-coiler and Double Action Press.

**STRIP WINDER**

Coil Winder is used for winding scrap metal coming from cupping press. It facilitates recycling process of scrap metals. Coil winder is replaced by a Scrap Slitter when it comes to the production of medium caliber case cups.
Case Press is a vertical H type press which is used for production of cartridge cases. It is capable of drawing, length-cutting, indenting, fire hole piercing, stamping, tapering and necking of cases depending on the sequence of operation or the caliber to be produced. The 8 Guides Slide System is designed not to lose accuracy even under extreme conditions. It is a fully automated PLC controlled machine. The machine is equipped with different type of sensors placed on various points. The user-friendly touch LCD screen not only monitors the performance of the machine but also enables operators to control and configure the production.

### Technical Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tonnage</td>
<td>3583</td>
</tr>
<tr>
<td>Fixed Course Distance</td>
<td>3130</td>
</tr>
<tr>
<td>Slide Range of Adjustment</td>
<td>1933</td>
</tr>
<tr>
<td>Tooling Connection Table</td>
<td>1556</td>
</tr>
<tr>
<td>Lower Table Dimensions</td>
<td>1063</td>
</tr>
<tr>
<td>Overload Prevention</td>
<td>8 Guides Slide System</td>
</tr>
<tr>
<td>Mechanical Lubrication</td>
<td>Liquid Oil</td>
</tr>
<tr>
<td>Main Motor</td>
<td>30 kW</td>
</tr>
<tr>
<td>Total Power Supply</td>
<td>50 kW</td>
</tr>
<tr>
<td>Height</td>
<td>660 mm</td>
</tr>
<tr>
<td>Width</td>
<td>570 mm</td>
</tr>
<tr>
<td>Length</td>
<td>1400 mm</td>
</tr>
<tr>
<td>Safety Guard</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>Heat Treated Steel Body</td>
<td>120°C</td>
</tr>
<tr>
<td>E-Cable Slide System</td>
<td></td>
</tr>
</tbody>
</table>
Grooving Machine is an automatic lathe which is designed for grooving cartridge cases. The same machine can be converted into a Mouth Trimming and Chamfering Machine by changing its tools. Machine is fitted with a collator loading semi-finished cases to a magazine and they are pushed one by one into a rotating spindle.

**Technical Specifications**

- Power: 1 kW
- Automatic Case Feeding
- 52-74 pcs/min capacity
- 6 bar air pressure
- Size: 0.7*1.3*2.1 meters
LEAD WIRE EXTRUSION LINE

1. MELTING POT

Melting pot is used for melting lead ingot and producing lead billets. The lead ingot is fed into the pot by a forklift and then the motorized machine which is controlled by PLC produces billets without manpower. Melted lead is cast into cylindrical billet molds. After a while, billets are ejected by a pneumatic pusher. Depending on customer’s requirement, the energy supply of the tank can be designed compatible with natural gas, fuel oil or electricity. Melting pot is one of the most indispensable parts of an ammunition line because this equipment is the easiest and the most economical way of recycling scrap lead generated by lead core press and non-conformed lead cores.

<table>
<thead>
<tr>
<th>Technical Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Supply</td>
</tr>
<tr>
<td>Spool Capacity</td>
</tr>
</tbody>
</table>

2. LEAD WIRE EXTRUER

Extrusion machine is a horizontal hydraulic press which transforms cylindrical billets into lead wire. It is a fully automated machine so that the wire winder carries a sensor which enables the winding and the extrusion sections to run in synchronism.

<table>
<thead>
<tr>
<th>Technical Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spool Capacity</td>
</tr>
<tr>
<td>Overall Dimensions (mm)</td>
</tr>
<tr>
<td>Power Supply</td>
</tr>
</tbody>
</table>

Power Supply

<table>
<thead>
<tr>
<th>Type</th>
<th>Spool Capacity</th>
<th>Tonnage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Gas</td>
<td>3.75/7.5</td>
<td>500 kW</td>
</tr>
<tr>
<td>Electricity</td>
<td>3.75/7.5</td>
<td>500 kW</td>
</tr>
</tbody>
</table>

Technical Specifications

<table>
<thead>
<tr>
<th>Spool Capacity</th>
<th>Tonnage</th>
</tr>
</thead>
<tbody>
<tr>
<td>300 Tons</td>
<td>55 kW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Overall Dimensions (mm)</th>
<th>Power Supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>3700x1520</td>
<td>55 kW</td>
</tr>
</tbody>
</table>
Lead Core Press is a single station horizontal press which forms lead wire into lead cores to be used in FMJ or plated bullet production. Molds of the press can be changed depending upon caliber requirements. It has an automatic lubrication system which extends both machine lifetime and maintenance period. After the lead wire is fed into driving pulleys of the press by hand, it can run without manpower until it runs out of lead wire. Lead core press basically cuts lead wire into lead pieces and pushes each piece into a mold and finally ejects the shaped lead cores / projectiles. There is an evacuation hole on the mold where the residual scrap lead is evacuated. This hole provides the weight calibration of projectiles.

The machine is capable of pulling lead wire automatically. To ease the movement of the feeder spool, a motorized feeder or a feeder with bearing should be used.

Technical Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theoretical production capacity</td>
<td>240 pcs/min</td>
</tr>
<tr>
<td>Power</td>
<td>3 kW</td>
</tr>
<tr>
<td>Working pressure</td>
<td>6 bar</td>
</tr>
<tr>
<td>Dimensions (LxWxH)</td>
<td>1500x800x800</td>
</tr>
<tr>
<td>Net Weight (approx.)</td>
<td>650 kg</td>
</tr>
</tbody>
</table>
FMJ TRANSFER PRESS

FMJ Transfer Press is a vertical H Type Press which assembles FMJ Cups, lead cores and other necessary components. The components are carried from one station to another by means of grippers placed on a transfer slide. There are some sensors inside the feeding channels to ensure presence of necessary components. Each station bears a control system to ensure that machine works properly. In case of any problem the machine stops immediately. It is also possible to produce 9 mm brass cases with this machine.

Eight stations are sufficient to produce 9 mm FMJ accordingly the machine is capable of manufacturing in duplex for 9 mm.

<table>
<thead>
<tr>
<th>Technical Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Power Supply</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>
PRIMING MACHINES

This machine is designed for inserting primers into small and medium caliber ammunition cartridge cases. The machine has a cam system which inserts primers into the cartridge cases in a continuous way. This cam system provides more accurate insertion compared to the machines with discrete stations. Cases are fed by a collator and primers come from a vibration bowl.

Technical Specifications

<table>
<thead>
<tr>
<th></th>
<th>Small Caliber</th>
<th>Medium Caliber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>upto 240 pcs/min</td>
<td></td>
</tr>
<tr>
<td>Power Supply</td>
<td>3 kW</td>
<td>3 kW</td>
</tr>
<tr>
<td>Air Pressure</td>
<td>6 bar</td>
<td>6 bar</td>
</tr>
<tr>
<td>Overall Dimensions (mm)</td>
<td>1000x800x2300</td>
<td>1500x900x2330</td>
</tr>
</tbody>
</table>

Small Caliber

Medium Caliber
This machine is a rotary motion loading machine designed for assembling small caliber ammunition components such as primed cases, gun powder and projectiles. It is a completely mechanical machine in which the movement of each station is driven by cams, in other words it does not consist of any pneumatic part.

**MECHANIC LOADING MACHINE**

**Technical Specifications**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>60 pieces/1min</td>
</tr>
<tr>
<td>Power Supply</td>
<td>5 kW</td>
</tr>
<tr>
<td>Air Pressure</td>
<td>6 bar</td>
</tr>
<tr>
<td>Feeding by</td>
<td>Collators</td>
</tr>
</tbody>
</table>

This machine is a rotary motion loading machine used for assembling primed cases, gunpowder and cartridge cases. It makes double production for each stroke for pistol and small arms calibers whereas single production for medium calibers. Each of stations is dedicated for a different operation such as case loading/check, case mouth check, primer check, powder filling, volumetric powder check, bullet insertion/pushing, neck pressing and final length check. Non-conformed products are separated by means of an actuator without stopping the machine.

**CENTERFIRE LOADING MACHINE**

**Technical Specifications**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>up to 200 pcs/1min</td>
</tr>
<tr>
<td>Power Supply</td>
<td>1 kW</td>
</tr>
<tr>
<td>Air Pressure</td>
<td>6 bar</td>
</tr>
<tr>
<td>Feeding by</td>
<td>Collators</td>
</tr>
</tbody>
</table>
VARNISHING & PACKAGING MACHINES

This machine is used for varnishing primer seams and case mouths. After loading operation cartridges are transported to the collator of the varnishing machine via a conveyor. Both primer seam and case mouth are varnished simultaneously. In the final stage cartridges are exposed to UV light to be dried. Packaging unit is an integral part of the machine which is designed for packaging of cartridges in accordance with required box dimensions.

PACKAGING MACHINE

- Capacity: 120-240 pcs/min
- Power Supply: 2 kW
- Air Pressure: 6 bar
- Overall Dimensions (mm): 1150*1100*950

VARNISHING MACHINE

- Capacity: 120-240 pcs/min
- Power Supply: Fed directly from outlet of Varnishing Machine

VISUAL INSPECTION MACHINE

This machine enables operators to check the conformity of ammunition components on a continuous conveyor line in terms of visual appearance. The components are turned by the chain conveyor and by means of mirrors and lights operators are able to see the imperfections on the surface of the parts.

Technical Specifications

<table>
<thead>
<tr>
<th></th>
<th>Standard</th>
<th>Optional</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>120-240 pcs/min</td>
<td>120-140 pcs/min</td>
</tr>
<tr>
<td>Power Supply</td>
<td>1.5 kW</td>
<td>2 kW</td>
</tr>
<tr>
<td>LED Lights</td>
<td>Adjustable Speed</td>
<td>Automatic Collator</td>
</tr>
<tr>
<td>Overall Dimensions (mm)</td>
<td>800<em>2700</em>1650</td>
<td>1150<em>1100</em>950</td>
</tr>
</tbody>
</table>

25
**INDUCTION ANNEALING UNIT**

Semi-annealing unit is used for annealing of cases’ mouth. Neck of cases should be relieved from stress. Mouth Annealing Unit partially anneals cases. They are conveyed through inductors for induction annealing and only mouth side is heated.

**ANNEALING UNIT**

Annealing Unit is designed for annealing of components to prepare them for drawing operations in case production. The tension of the metal conveyor is adjustable in order to prevent it from loosening because of expansion. The speed of the conveyor line and the temperature of the system are adjustable as well. Cups are annealed by means of PID-controlled electrical resistances which are supported by ceramic pipes and keep the internal temperature consistent. The furnace has different heating chambers and in the last chamber components are cooled down by cold air.

**NORMALIZATION FURNACE**

Normalization furnace is designed for normalization of semi-finished cases by heat treatment to prevent them from cracking during the following operations. The tension of the metal conveyor is adjustable in order to prevent it from loosening because of expansion. The speed of the conveyor line and the temperature of the system are also adjustable. Semi-finished cases are heated by means of PID-controlled electrical resistances which are supported by ceramic pipes and keep the internal temperature consistent. The furnace has different heating zones and in the last chamber components are cooled down by cold air.
DEGREASING UNIT

Degreasing Unit is designed to remove oil from semi-finished components. These components are exposed to oil in production presses and cannot be heated before degreasing process. It is a fully automated PLC controlled machine. This machine is totally made of 316 L Stainless Steel. The components are degreased, rinsed and finally dried by hot air.

Technical Specifications
- 55 cm Rotary Drum
- PLC Control Panel
- Overflow Chute
- Special Stainless Steel
- Capacity: 500 kg/h
- Inclined base to ease evacuation
- 6 bar compressed air
- Overflow chutes and water level sensors
- Overall Dimensions: 1.6 * 2.2 * 4.7 meter
- Total power: 10 kW
- 380v-3 Phase- 50Hz
- Automatic dosage

PICKLING UNIT

Pickling unit is dedicated for washing semi-finished components by acid to remove oxidation created by annealing/normalization operations in previous machines. It is a fully automated PLC controlled machine. This machine is totally made of 316 L Stainless Steel. The rotary helical conveyor provides a continuous transfer. The components are degreased, rinsed and finally dried by hot air.

Technical Specifications
- 55 cm Rotary Drum
- PLC Control Panel
- Overflow Chute
- Special Stainless Steel
- Capacity: 500 kg/h
- Inclined base to ease evacuation
- 6 bar compressed air
- Overflow chutes and water level sensors
- Overall Dimensions: 1.6 * 2.2 * 5.6 meter
- Adjustable Speed
- Total power: 65 kW
- 380v-3 Phase- 50Hz
- Automatic dosage
CLEANING TUMBLER

This machine is used for degreasing and polishing FMJ projectiles. In the first drum, the components are washed in two steps with two different chemicals. In the second drum, the components are dried with grains and hot air. The integrated vibratory separator completely separates components from corn grains. The successive steps of the machine are performed in turn by the drums able to operate concurrently, so that washing of a component group can be begun before drying of the previous one is finished.

Cleaning tumbler can also be used for deburring lead cores.

A smaller and single drum version is designed for hand loaders. It cleans and polishes components by vibration with corn grains and automatically separates grains from components at the end of the process.

Technical Specifications

Pneumatic controlled feeding hopper

From 25 to 350 liters Washing Drums

Total Process duration: 45 minutes

Drying Drum

3 to 40 kw Drying Power

380 V / 3 Phase / 50 Hz

PLC control

6 bar air pressure

POLISHING UNIT

This machine is designed for degreasing and polishing brass cases. In the first drum, the components are washed by two steps with two different chemicals. In the second drum, the components are dried by hot air. The successive steps of the machine are performed in turn by the drums able to operate concurrently, so that washing of a component group can be begun before drying of the previous one is finished.

A smaller and single drum version is designed for smaller quantities which is much handier especially for hand loaders. Optional air-drying unit enables drying operation in the same drums.

Technical Specifications

Pneumatic controlled feeding hopper

From 25 to 350 liters Washing Drums

Total Process duration: 45 minutes

Drying Drum

3 to 40 kw Drying Power

380 V / 3 Phase / 50 Hz

PLC control

6 bar air pressure

The smaller and single drum version is designed for hand loaders. It cleans and polishes components by vibration with corn grains and automatically separates grains at the end of the process.
RESTRIKING MACHINE

Re-striking machine is a single station horizontal press designed for resizing bullets after being plated. It also removes imperfections on surface of a bullet arising from plating operation.

PLATING LINE

Plating line is a PLC controlled automated line designed for plating of lead bullets by copper. The pools material is PP-DWU (SIMONA AG) and wall thickness is between 15 and 20 mm. Hot degreasing pools is manufactured with 3 mm AISI 304 stainless steel material. All of the pools are leak proof.

CASE PROCESSING MACHINE

Case Processing Machine is a PLC controlled automated machine which is designed to prepare previously fired boxer primed cartridge cases for being loaded again. It is capable of sizing cases, removing fired primers and swaging crimp from primer pockets. It also has the capability of ejecting berdan primed cases.

BULLET DISASSEMBLY MACHINE

Bullet disassembly machine is a PLC controlled fully automated machine which is designed for replacing cartridge projectiles.

First Station: Pulling projectile from cartridge
Second Station: Expanding neck of case
Third Station: Inserting a new projectile
Fourth Station: Crimping case neck
Fifth Station: Checking length of projectile

Another version of this machine is designed to disassemble cartridges into brass cases, bullets and gunpowder. This machine is especially useful for converting non-conformed military cartridges into civil products.

THEORETICAL PRODUCTION

Capacity: 480 bullets/hour
Volume: 8 ft³
Working pressure: 6 bar
Net weight (approx): 400 kg

POWER

33 kW

Cooling: Hot water with coils
Cooling: Coils and Chiller Copper Pools
Air Pressure: 6 bar

Pool Dimensions (mm)
- Degreasing and Heating Pools: 1200x700x1000
- Electrolyze Pools: 1200x900x1000
- Aspiration System
- Pump Filtering
- Robot Rail

Cycle Duration: 30 minutes
Number of Robots: 2
Number of Pools: 3
Number of Rectifiers: 12
Number of Barrels: 10
Walking Line: 48 barrels/24 hours

Working features:
- Case type: Automated
- Heating: Hot water with coils
- Cooling: Cold water + Cold Plate
- Air Pressure: 4 bar
- Maximum workpiece weight: 1.5 tons
- Workpiece movement: X±100 mm, Y±100 mm, Z±150 mm
- Maximum stock: 150 tons/day
- Machine cycle: 120 seconds
- Maximum pressure: 600 bar
- Maximum flow: 1200 l/min
- Press force: 2400 tons
- Heating and cooling: 60°C
- Hot water with coils
- Air with plates
- Water 40°C
- Cooling: 180 kg/h
- Air Pressure: 12 bar

Technical specifications:
- Output Voltage: 16 V
- Output Current: 600 A
- Cooling: Air

RECTIFIERS

- Barrel Volume: 39 dm³
- Maximum Loading Capacity: 15 dm³ or 90 kg
- Horizontal Movement: 0.55 kW
- Vertical Movement: 1.5 kW
- Rotating: 0.25 kW

AUTOMATED ROBOTS

- Working Features:
  - Number of robots: 2
  - Number of workstations: 5
  - Horizontal movement: 3 kW, MP 7400/7400, CARLISLE Steel
  - Rotating: 1 kW, AISI 304 Stainless Steel
- Plating Capacity: 500 kg/h
SHOT CASTING MACHINE

Shots production with the highest level of sphericity is carried out with Shot Casting Machine. Depending on customer's requirement, energy supply of melting tank is designed to be compatible with natural gas, fuel oil or electricity.

This machine, in which heat insulation is kept at the highest level, provides reasonable and optimum level of energy efficiency. By keeping the sphericity and size of the lead shots under control in every stage, products having high quality and identical features are obtained. Shots whose sphericity is non-conformed are taken back to the melting pot automatically by means of the carriers that are available in every stage.

BUCKSHOT MACHINE

Buckshot machine is designed for the production of buckshot by processing lead wire by cold press method. Standard production sizes are 4.5 mm, 5 mm, 6.2 mm, 7.8 mm, 8 mm, 8.43 mm and 8.60 mm. Also, other diameters are possible by changing the machine's tooling.

AIRGUN PELLET MACHINE

It is a fully automated machine to manufacture flat nose and sharp nose air gun pellets. Airgun Pellet Machine produces high quality airgun pellets such as 4.5, 5.5 and 6.35 mm (.177 cal - .220 cal) with very low tolerance of weight and dimension.

Different types of pellet molds can be supplied in case of request.

<table>
<thead>
<tr>
<th>Shot Diameter Tolerance</th>
<th>Production Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm</td>
<td>Kg/h</td>
</tr>
<tr>
<td>4.5</td>
<td>100</td>
</tr>
<tr>
<td>5.0</td>
<td>120</td>
</tr>
<tr>
<td>5.5</td>
<td>150</td>
</tr>
<tr>
<td>6.2</td>
<td>200</td>
</tr>
<tr>
<td>6.6</td>
<td>250</td>
</tr>
<tr>
<td>Overall Dimensions(Kg/h)</td>
<td>100/200</td>
</tr>
<tr>
<td>Power Supply</td>
<td>1.5 kw</td>
</tr>
</tbody>
</table>
SHOTGUN SHELL LOADING LINE

Shotgun shells in different calibers are loaded with Cartridge Loading Machine through a single transport line. Lead shot, steel shot, buck shot and slugs can be loaded by using this machine. It can be operated with plastic and paperboard cases ranging from 50 mm to 90 mm.

PRINTER FOR CARTRIDGES

For printing automatically loaded cartridges in different heights. It can be adjusted depending on cartridge height and caliber. Overall Sizes (mm): 1900*700*1650 (L*W*H).

PACKING UNIT

It is a semiautomatic boxing tool. It can make boxes 10 pieces, 25 pieces with 5 pieces flat and 10 pieces flat. Overall Sizes (mm): 1150*500*1050 (L*W*H).

REMOTE POWDER DRUM

Remote Powder Drum automatically feeds the machine with powder when needed.

SHOTHELL PRIMING MACHINE

Shotshell priming machine is a PLC controlled fully automated machine designed for priming of shotgun shells. It has a high production capacity which is 10,000 pcs per hour. It makes double production for each stroke.

ELEVATOR + HOPPER

Technical Specifications

- **Capacity**: 10,000 pcs/h
- **Hopper**: 60 l
- **Casing**: 50 mm - 90 mm
- **Overall Size (L*W*H)**: 2,3m*4,2m*2,7m
- **Air Pressure**: 6 Bar
- **Power Supply**: 6 kW
- **Weight**: 1,3 ton
- **Caliber**: 12, 16, 20, 24, 28, 32, 36/410
- **Length**: 1,3mm - 5m
- **Center**: 50 mm - 90 mm
- **Capacity**: 10 pcs, 25 pcs, 5 pcs flat, 10 pcs flat
- **Power Supply**: 2 kW
- **Weight**: 1,2 ton
- **Overall Size (L*W*H)**: 1200*1400*2000
- **Air Pressure**: 6 bar
- **Power Supply**: 3 kW
- **Weight**: 1.2 ton
- **Overall Size (L*W*H)**: 1900*700*1650
- **Air Pressure**: 12 bar
- **Power Supply**: 3 kW
As an ammo line manufacturer, Atesci has the capability of designing and producing high-quality tooling sets such as hard metal steel and carbide molds, knives, punches, collets, transfer slides and grippers for cold-forming production. With this scope, Atesci has not only skilled personnel but also necessary technical infrastructure to design, manufacture, polish and test the tooling sets for ammo production machinery.

**Swaging Mold Sets**, Restriking Mold Sets, Tooling Sets for Transfer Press, Tooling Sets for Brass Cup and Case Production, Extrusion Dies, Grooving and Mouth Trimming Knives, Reduction Dies, Heading Dies, Profile Dies, First Blow Dies, Segregated Dies, Profile Reduction Dies

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**DESIGN**

**MANUFACTURE**

**TEST / QUALITY CONTROL**

**POLISHING**
Atesi has been developing its expertise since its establishment and its aim is to achieve a high standard of manufacturing and service to its customers.

Quality of Atesi is to supply customers’ request in time and to provide customer satisfaction above their needs. It also provides the best quality products and the latest upgrades in production.

The policy is to follow the legal regulations and it keeps manufacturing with occupational health and safety rules.

All personnel within the company are responsible for the quality of their work. The company provides training for all of the employees and performs the best information security management system.

Atesi is committed to achieving high quality management and continuous improvement with PDCA cycle (Plan, Do, Control, Act).

QUALITY POLICY
To watch our introduction video please scan the following QR code or visit

goo.gl/xNOoZh

CATALOG 2018

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