Industrial Applications

BRIQUETTER MODELS  250 / 600 / 1000

Compact, cost-effective ARS industrial models provide impressive performance—up to 3,200 pounds of scrap per hour—with rugged features including:

- Integrated fluid collection and pumping system
- Steel bolt take-away conveyors
- Heavy-duty frames
- Allen-Bradley PLCs
- Rotating valves and pumps
- Large-capacity hoppers

Total Customer Support
You can count on ARS for any additional support you need. We typically have every component in stock and qualified service personnel on hand to correct any problem. Plus, our strategic alliance with service organizations across the country provides maintenance in your area. No matter where you are, we’re there for you!

World Wide Industries Served
Aerospace, Automotive, Military, Plumbing, Optical, Tool and Hardware Manufacturing, Scrap Yards, Brokers, and more!

Options To Meet Your Needs
We make it easy to create the perfect Briquetter features. ARS offers optional features for specialized requirements including:

- Custom conveyors
- Swarf packages
- Shredders
- Screw augers
- Extended fluid collection pans
- Special agitators for hard-to-feed materials
- Custom-engineered systems
- Box dumpers
- Scales
- Fluid filtration systems
- Wringers

Specifications

ARS BRIQUETTER MODEL RST 3000/4000

SPECIFICATIONS

DIMENSIONAL DATA

Applied Recovery Systems, Inc. disclaims any responsibility for errors that may be contained on this brochure as errors in information may occur and information may become dated.
**How To Make Scrap Pay**

ARS Briquetters produce a product with an increased melt yield that translates into greater profits for all those handling the metal. From breaking through scrap dealers, to going directly to foundries and smelters, one can often times receive monetary increases up to 30% for briquettes.

An ARS Briquetter typically pays for itself in less than two years from scrap premiums and cutting fluids alone (depending on the type and volume of material processed). Through this, the income and cost-savings it generates go directly to the bottom line.

**We’ll Show You How**

We can determine if briquetting is right for you and your operation. Contact Applied Recovery Systems toll-free at 1-800-577-3766 for a free Customized Investment Evaluation and Analysis. It could prove to be one of the most profitable calls you'll ever make. Or, see it for yourself and log on to our website: www.ars-inc.com to fill out the evaluation form. There are many useful tools on the website as well to look around.

**ARS Advantages**

- **Reduce overall material handling charge of material.**
- **Provide lower transportation costs**
- **Provide lower storage space.**
- **Flexible Feeding**

**Briquetter Model**

<table>
<thead>
<tr>
<th>Briquetter Model</th>
<th>RST 1500</th>
<th>RST 2000</th>
<th>RST 2500</th>
<th>RST 3000</th>
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</tr>
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<tbody>
<tr>
<td>Briquette Size (diameter x length)</td>
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### About Us

ARS Briquetters are manufactured in our 30,000 square foot facility located on 5.5 acres of land in Central Texas. It is a privately held corporation founded in 1983 and has grown at a rapid and high performance rate that has catapulted Applied Recovery Systems Technology into the forefront of the Briquetting Industry. Our customer service is unparalleled and our goal is to keep the company small enough to be accessible to its customers and large enough to provide competitive Briquetting performance. Research and development will continue to be an integral part of the Corporation's objective so as to better serve the chip processing needs of its customers. We have grown our customer base to extend across the U.S. borders to Mexico, Canada, Turkey, Venezuela, Brazil, Europe, India, Australia, South Africa, and China.

### Off-The-Shelf Components

The Briquetters are built with solely available components to include an Allen Bradley PLC’s, Parker Hannifin hydraulic pumps and valves, VES Motors, and effector proximity switches. These readily available parts help to ensure ease of serviceability worldwide.

### Consistent Operation

Our Briquetters utilize an Allen Bradley PLC for reliable, automatic operation. Other PLC options available upon customer request. The processor helps to ensure a steady briquette every time even when the hopper is emptying or the chip density has changed.

### Flexible Feeding

ARS Briquetters can process a wide variety of densities without bridging, due to a 18˝ throat that’s adequate to 22 inches long. Additionally, an agitator wheel sweeps material into the compression chamber while the vertical press force option press the material down and keeps it down to ensure a full face density even when the hopper is emptying or the chip density has changed.

### A.A.S. Competitive Edge

Our competitive edge is that we have more installations than any other manufacturer; demonstrating the better option for briquetting:
- Average lead time: 3-5 weeks
- Free or low cost sampling
- Extensive training and support
- Our equipment is easy to maintain, operate, service, and clean!
- Competitive pricing
- 24-48 hour response time for parts and services
- Parker Hannifin's Multi-grip, zero leak pump for all hydraulic plumbing, hoses, and fittings
- Allen Bradley on our control panels
- Red Line touchscreen control panel (optional)
- Integral cutting fluid recapturing pan and pump
- Integral cutting fluid filtration system (optional)
- Robust machine with the smallest footprint in the industry
- Invest in items available in most cases for quick delivery

**Lease Options**

In some instances, Applied Recovery Systems has offered lease options to help our customers secure an order. Please contact us for more information or to fill out a credit application.

**High-price ARS briquettes add both the flexibility to process a wide range of different metals and the capacity to meet demands throughout requirements. In addition to all standard ARS Systems, Foundry Models offer:**
- Honeycomb controlled variable displacement pumps to boost energy efficiency
- Parker Hannifin’s节电策略 push blocks with paddles to minimize hydraulic shock
- A 14 inch x 14 inch main opening for maximum compression
- Optimal feeding size on all briquetters for increased face pressure
- Control diagnostics

**Foundry Applications**

**BRQUIETTER MODELS**

1500 / 2000 / 2500 / 3000 / 4000

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**Hopper Replacements and air change boxes**

- **Copper, Aluminum, Zinc, Lead, Gravity:**
  - A 14-inch opening on all briquetters to allow for maximum compression
  - Optimal feeding size on all briquetters for increased face pressure
  - Control diagnostics

**Applied Recovery Systems**

Applied Recovery SystemsTechnology briquetters matched to your needs.

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