

# AUTO TECHNOLOGY COMPANY

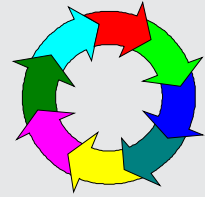
# CENTRIFUGAL DRYERS



**AUTO**  
*Technology*

TECHNICAL INFORMATION AND DATA REGARDING THE COMPOSITION, PROPERTIES OR USE OF THE PRODUCTS DESCRIBED HEREIN IS BELIEVED TO BE RELIABLE. HOWEVER, NO REPRESENTATION OR WARRANTY IS MADE WITH RESPECT THERETO EXCEPT AS MADE BY AUTO TECHNOLOGY COMPANY IN WRITING AT THE TIME OF SALE. AUTO TECHNOLOGY COMPANY CANNOT ASSUME RESPONSIBILITY FOR ANY PATENT LIABILITY WHICH MAY ARISE FROM THE USE OF ANY PRODUCT IN A PROCESS, MANNER OR FORMULA NOT DESIGNATED BY AUTO TECHNOLOGY COMPANY.

# AUTO TECHNOLOGY COMPANY CENTRIFUGAL DRYERS



Only Auto Technology gives you a choice of 6 dryers ranging in capacity from 75 lbs. to 800 lbs. Each dryer varies in load capacity, horsepower and basket size, allowing optimum use of energy and floor space.

## **Features:**

- **Top Opening, Counterbalanced Cover** is easy to open and close and does not impinge on valuable floor space.
- **Magnetic Disc Brake** automatically engages when stopping for a smoother, faster stop. No need for manually operated foot brakes.
- **I-Beam Base** is welded to a square frame construction for maximum strength and long service life.
- **Front Access Panel** makes maintenance easy and efficient.
- **Lid Safety Switch** interrupts current flow when the lid is raised. This engages the magnetic brake, bringing the basket to a smooth, fast stop.

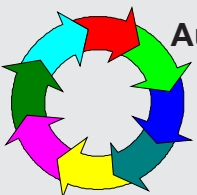


**Optional Heating Units.** All Auto Technology Company dryers are available with a choice of steam or electric heating units.

### **Other Optional Equipment:**

- Soft Touch Control
- Timer Packages
- Baskets
  - Mild Steel
  - Stainless Steel
  - Polypropylene

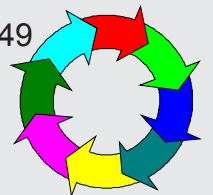
*Model #3 Shown with Steam Heat Package*



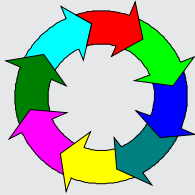
**Auto Technology Company**, 20026 Progress Drive, Strongsville, Ohio 44149

• Phone: 440-572-7800 or 1-800-433-8336 • Fax: 440-572-7820

visit us on the web at <http://www.autotechnology.net>



# AUTO TECHNOLOGY'S SAMSON SERIES HEAVY DUTY CENTRIFUGAL DRYERS



Large load capacities demand rugged construction. From the 250 lb. Samson to the 800 lb. Super Samson Plus, Auto Technology's line of Samson Dryers are built to provide continuous service under punishing conditions.

### Features:

- Oversized roller bearings and triple V-belt drive assure you of consistent operation.
- The dryer base is welded to a square frame for maximum strength.

### Special Application Dryers:

Call Auto Technology for modifications such as these which make drying economical and efficient:

- Polypropylene liner for corrosive materials
- Stainless Steel Construction
- Automatic lid opening and closing
- Special Sizes.



	Model 1	Model 2	Model 3	Samson	Super Samson	Super Samson Plus
Basket Size	12" x 12"	18" x 18"	18" x 18"	23" x 18"	30" x 24"	30" x 24"
Maximum Load	75 lbs.	110 lbs.	250 lbs.	300 lbs.	500 lbs.	800 lbs.
Motor Size	2 HP	2 HP	3 HP	3 HP	10 HP	10 HP
Motor Speed	1725 rpm	1725 rpm	1725 rpm	1725 rpm	1725 rpm	1725 rpm
Basket Speed	725 rpm	600 rpm	460 rpm	350 rpm	300 rpm	300 rpm
Floor Space	24" x 30"	30" x 36"	36" x 48"	36" x 48"	44" x 54"	44" x 54"
Shipping Weight	600 lbs.	900 lbs.	1650 lbs.	1700 lbs.	2300 lbs.	2400 lbs.

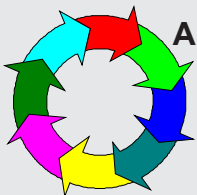
# AUTO TECHNOLOGY'S CENTRIFUGAL DRYERS SOFT TOUCH CONTROL PACKAGE

Reduce part damage caused by sudden stops and starts inherent with centrifugal drying. Auto Technology's Soft Touch Control Package uses state-of-the-art technology to meet today's need for zero defects by controlling acceleration and deceleration.



## **Features:**

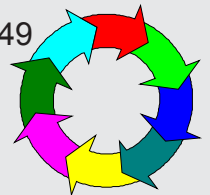
- Variable speed control for acceleration and deceleration can be separately adjusted from 0.1 to 3600 seconds.
- Digital readouts display dryer speed, motor frequency, machine load in amps, input voltage, and motor voltage.
- Flickering LED's indicate forward or reverse motor operation.
- All operator functions are performed at the membrane keypad with LED display.
- Speed set by numeric key entry or increase / decrease arrows.
- Programmable lockout of reversing or function settings.
- Mounted in a NEMA 12 enclosure with manual start and emergency stop buttons.
- Optional timer permits independent operation of forward and reverse speeds.



**Auto Technology Company**, 20026 Progress Drive, Strongsville, Ohio 44149

• Phone: 440-572-7800 or 1-800-433-8336 • Fax: 440-572-7820

visit us on the web at <http://www.autotechnology.net>



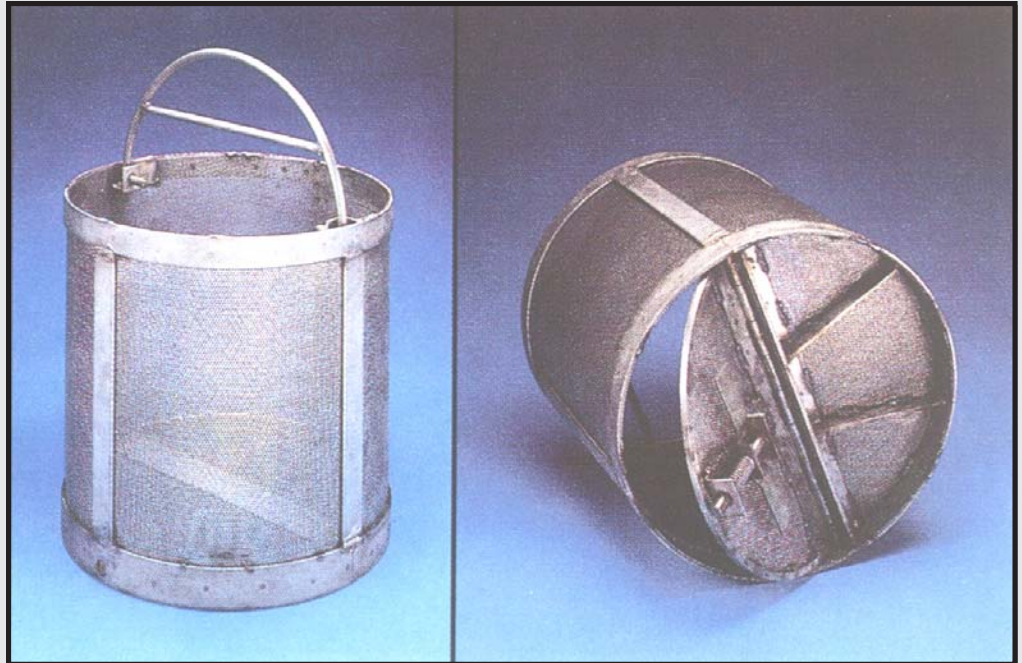
# AUTO TECHNOLOGY'S HEAVY DUTY DRYER BASKETS

Auto Technology Company offers a complete line of dryer baskets in various sizes and materials of construction. Whether your application calls for mild steel, stainless or polypropylene, Auto Technology has a basket designed to suit your needs. Special application baskets are also available.

## Heavy Duty Baskets:

Mild steel and stainless steel baskets provide heavy duty service for tough applications. The solid bottom design of the 12" x 12" and 18" x 18" baskets

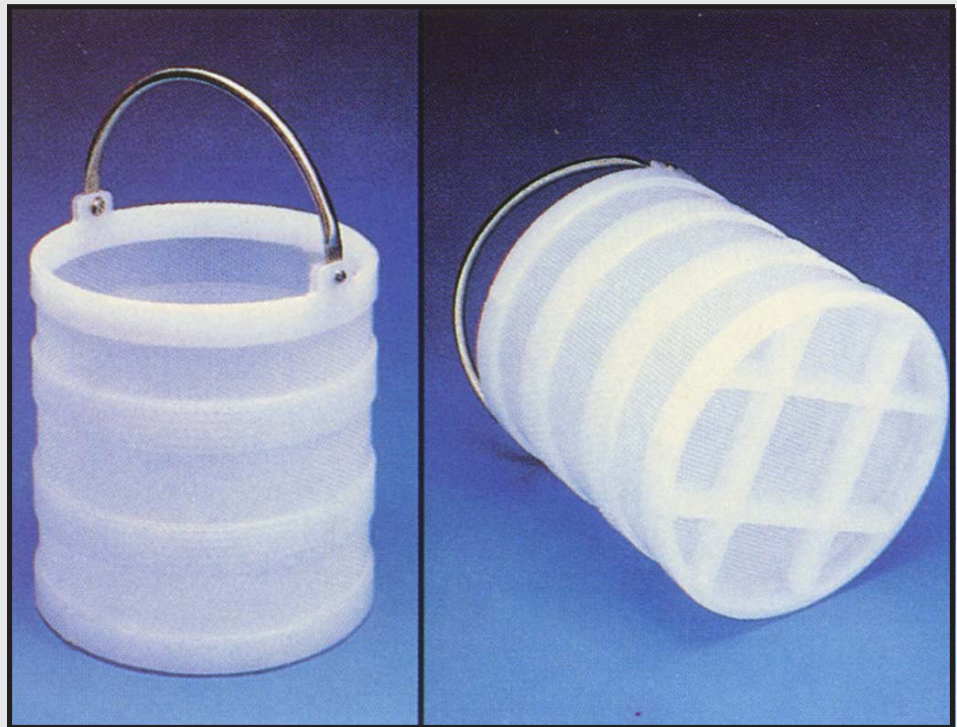
makes load handling simple and efficient. Our standard perforation size of 3/32" permits efficient draining. Mild steel baskets are 12 gauge; stainless steel baskets are 16 gauge material. Larger size baskets have a double thick, hinged bottom with a quick release lever. (Note: 18" x 18" baskets are also available with a hinged bottom.)



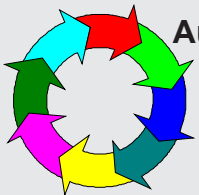
Dryer Model #	Basket Size	Description	Material	Basket weight	Part Number
No. 1	12 x 12	Bail Handle - Solid Bottom	Mild Steel	15 lbs.	D151570
No. 2	12 x 12	Bail Handle - Solid Bottom	304 Stainless	15 lbs.	D151560
No. 2 & 3	18 x 18	Bail Handle - Solid Bottom	Mild Steel	29 lbs.	D152570
No. 2 & 3	18 x 18	Bail Handle - Hinge Bottom	Mild Steel	29 lbs.	D152580
No. 2 & 3	18 x 18	Bail Handle - Solid Bottom	304 Stainless	37 lbs.	D152560
No. 2 & 3	18 x 18	Bail Handle - Hinge Bottom	304 Stainless	37 lbs.	D152590
Samson	23 x 18	Bail Handle - Hinge Bottom	Mild Steel	49 lbs.	D154570
Samson	23 x 18	Bail Handle - Hinge Bottom	304 Stainless	49 lbs.	D154560
Super Samson	30 x 24	Bail Handle - Hinge Bottom	Mild Steel	56 lbs.	D158600
Super Samson	30 x 24	Bail Handle - Hinge Bottom	304 Stainless	56 lbs.	D158610
Super Samson Plus	30 x 24	Bail Handle - Hinge Bottom	Mild Steel	60 lbs.	D160200
Super Samson Plus	30 x 24	Bail Handle - Hinge Bottom	304 Stainless	60 lbs.	D160300

# AUTO TECHNOLOGY'S LIGHT DUTY DRYER BASKETS

Lighter duty loads can easily be handled in polypropylene baskets. Stainless steel handles offer durability and strength. Baskets with girth supports and an "H" pattern bottom add structural integrity and improved wear resistance. These baskets are widely used throughout the industry for spinning, dipping and drying light loads.



Dryer Model #	Basket Size	Description	Material	Part Number
No. 1	12 x 12	Stainless Steel handle and two plastic girth supports	Polypropylene 3/32" or 1/16" Perfs	D151580
No. 1	12 x 12	Stainless Steel handle and 304 Stainless Steel mesh	Polypropylene 3/16" Perfs	D151590
No. 2 & 3	18 x 18	Stainless Steel handle and two plastic girth supports	Polypropylene 3/32" Perfs	D152540
No. 2 & 3	18 x 18	Stainless Steel handle and 304 Stainless Steel mesh	Polypropylene 3/16" Perfs	D152550



**Auto Technology Company**, 20026 Progress Drive, Strongsville, Ohio 44149

• Phone: 440-572-7800 or 1-800-433-8336 • Fax: 440-572-7820

visit us on the web at <http://www.autotechnology.net>

**AUTO**  
*Technology*

