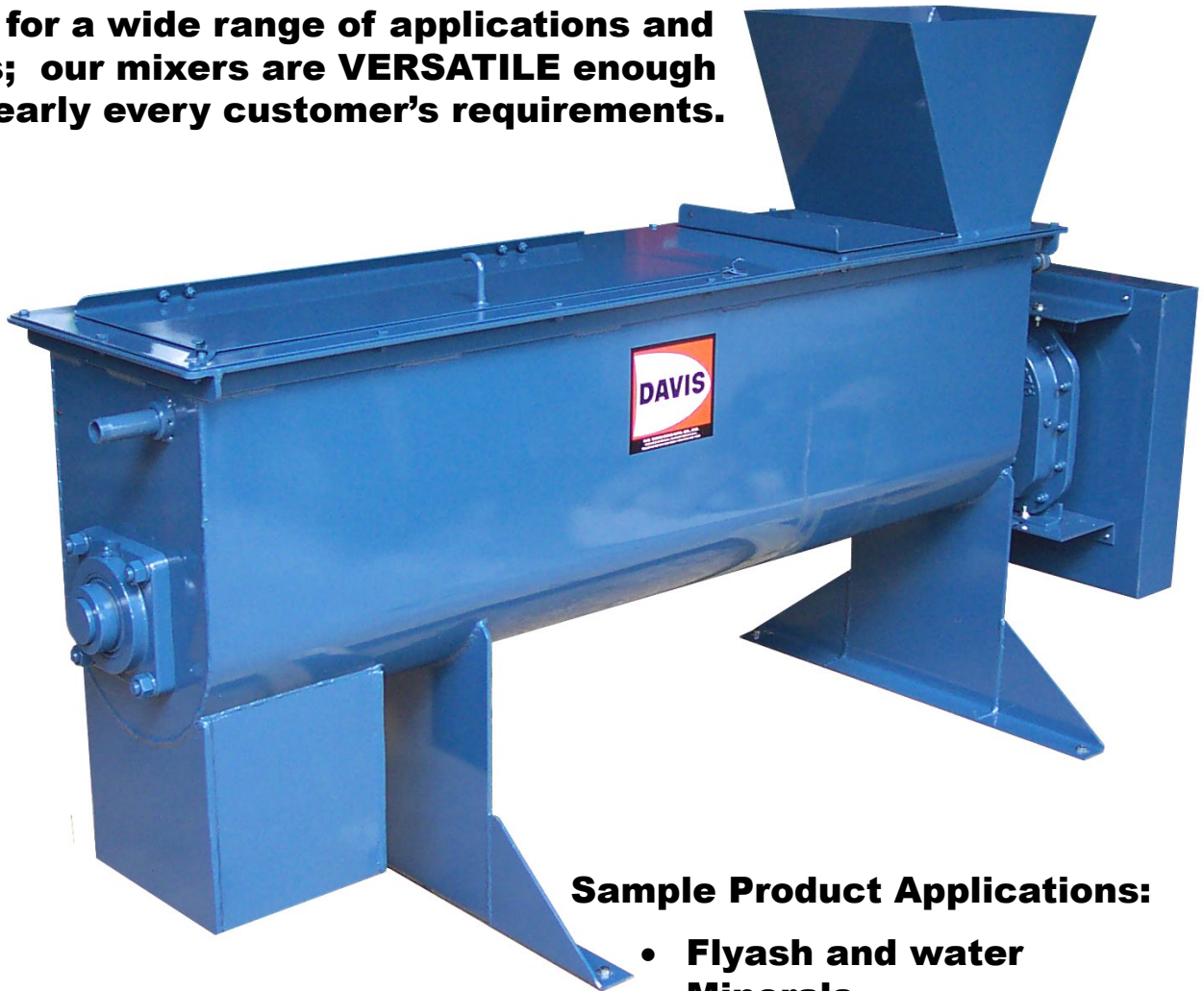


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CONTINUOUS PADDLE MIXERS

H. C. DAVIS SONS MANUFACTURING CO., INC.

Our Single Shaft Continuous Paddle Mixers are built for a wide range of applications and products; our mixers are VERSATILE enough to suit nearly every customer's requirements.



Types of Mixing Applications:

- **Dry Solids with Dry Solids**
- **Dry Solids with liquids**
- **Wet Slurry with Powder**

Sample Product Applications:

- **Flyash and water**
- **Minerals**
- **Biosolids slurry**
- **Livestock feed with molasses**
- **Detergent**
- **Grass seed**

CONTACT US WITH YOUR MIXING NEEDS

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CONTINUOUS PADDLE MIXERS

Shaft Seal Options:

- **Stuffing Boxes with various types of rope packing**
- **Mechanical seals with air purge**
- **Polyurethane for abrasion resistance**



Various drive options are available including shaft mounted and foot mounted gear drives. All drives are rated for Class II service.

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CONTINUOUS PADDLE AGITATOR



Our continuous mixers are built with BOTH the forward and the reverse paddles adjustable. In addition, the discharge gate can be adjusted to control the depth of material in the mixer. Combining these features with a variable frequency drive (VFD - supplied by others),
OPERATOR WILL HAVE FULL CONTROL OF RETENTION TIME.

The Lids on our mixers are designed to provide safe operation yet allow for easy maintenance. We can provide a full safety grate or a solid cover with a hinged maintenance/inspection panel.



Construction Options:

- Carbon Steel
- Carbon Steel with UHMW liner
- Abrasion Resistant Steel
- Stainless Steel

The Production Capacity Chart is provided as a guide to assist you in choosing the correct mixer for your application. The capacities provided are the maximum. Please keep in mind that not all products will mix best at the maximum. Don't hesitate to contact us for more information about your products.

Model #	TANK DIMENSIONS			TANK VOLUME	MAXIMUM PRODUCTION CAPACITY	
	width	length	depth		4 min. avg. retention	3 min. avg. retention
CM-936	9"	36"	15"	1.3 cubic feet	19 cubic feet/hour	26 cubic feet/hour
CM-1248	12"	48"	18"	3 cubic feet	45 cubic feet/hour	60 cubic feet/hour
CM-1872	18"	72"	26"	10 cubic feet	150 cubic feet/hour	200 cubic feet/hour
CM-2496	24"	96"	32"	25 cubic feet	375 cubic feet/hour	500 cubic feet/hour
CM-32130	32"	130"	40"	60 cubic feet	900 cubic feet/hour	1200 cubic feet/hour
CM-41160	41"	160"	51"	120 cubic feet	1800 cubic feet/hour	2400 cubic feet/hour
CM-48196	48"	196"	60"	200 cubic feet	3000 cubic feet/hour	4000 cubic feet/hour
CM-51196	51"	196"	65"	225 cubic feet	3375 cubic feet/hour	4500 cubic feet/hour