

S. HOWES

SINCE 1856

SAMPLE APPLICATIONS

- ANIMAL FEED
- RUBBER COATING
- SPENT GRAIN
- POWDERS/SLURRIES
- FLYASH
- POWDERED DETERGENT
- ASPHALT
- MINERALS
- POWDER COATING
- FERTILIZER
- DRILL TAILINGS
- PELLETS
- SALT COATING
- FRAC SAND COATING
- FOOD PRODUCTS
- CRUSHED LIMESTONE
- BENTONITE

CONTINUOUS MIXERS PUG MILLS



*TESTING & RENTAL
UNITS AVAILABLE*

SIMPLEX (SINGLE SHAFT) MIXER



DUPLEX (DUAL SHAFT) MIXER



ISO 9001:2015



CARRIER
PROCESS
EQUIPMENT
GROUP, INC.

CONTINUOUS MIXERS • PUG MILLS



ENGINEERED-TO-ORDER

The mixing action of the patented adjustable solid or loop type paddles on the agitator shaft is gentle and non-plugging, coating without beating the ingredients to assure uniform absorption of liquids throughout the mix. Both Simplex (single shaft) and Duplex (twin shaft) models are available. S. Howes' sales and engineering personnel can recommend a standard design for your application or work with you to develop a custom design, depending on your unique needs. If the features you need are not listed, call to see how we can develop a solution to meet your requirements.

STANDARD FEATURES FOR CONTINUOUS MIXERS (SIMPLEX & DUPLEX)

- Heavy duty construction
- 5 Standard Simplex models ranging from 5 to 12 tons per hour nominal capacity (Larger custom models available)
- 9 Standard Duplex models ranging from 10 to 300 tons per hour nominal capacity (Larger custom models available)
- Hanger bearing required over 12 ft.
- Independently adjustable bolted paddles
- Duplex models feature intermeshing paddles with a single drive
- Direct drive or shaft mounted gear reducer & belt drive
- Self aligning bearings
- Carbon steel, stainless steel or other alloys
- ... built to your specifications & requirements

OPTIONAL FEATURES FOR ALL CONTINUOUS MIXERS



PADDLE OPTIONS

- Solid type
- Loop type
- Shear angle
- Abrasion Resistant



THERMAL OPTIONS

- Cooling jackets
- Heating jackets
- Integral or bolt-on
- Fluid or electrical
- ASME "U" and "R" stamp



LIQUID ADDITION

- Spray bars
- Spray nozzles
- Spray balls
- Drip manifold
- Inlet Pipes & valves

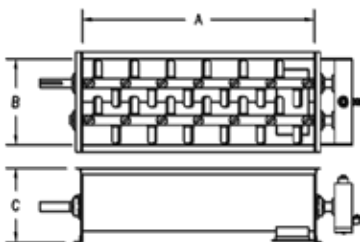


ACCESS PORTS

- Sanitary clamp fittings
- Inspection doors
- Side access ports
- Probe ports

DUPLEX MIXERS

Model	Nominal Capacity (tons/hr)*	Nominal HP*	A Length (ft.)	B Width (in.)	C Height (in.)	No. Paddles
MCD-4	1	3	4	12	16 1/2	46
C-62	10	7 1/2	6	27 3/8	27 3/4	48
C-82	14	10	8	27 3/8	27 3/4	64
C-102	18	15	10	27 3/8	28 3/4	80
C-122**	22	20	12	27 3/8	28 3/4	96
C-142**	25	25	14	27 3/8	28 3/4	112
CG3-12	30-70	30-50	12	36	41	108
CG4-11	70-300	40-60	11	48	56	100
CG4-15**	70-300	60-75	15	48	56	130
CG5.5-12	70-300	60-75	12	48	75	108

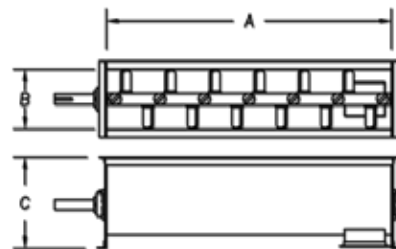


Note(*): Capacity and HP vary with product and ingredient characteristics.

Note(**): Hanger Bearings are required for these models

SIMPLEX MIXERS

Model	Nominal Capacity (tons/hr)*	Nominal HP*	A Length (ft.)	B Width (in.)	C Height (in.)	No. Paddles
C-61	5	5	6	15	23	24
C-81	7	5	8	15	23	32
C-101	9	7 1/2	10	15	23	40
C-121**	10	7 1/2	12	15	23	48
C-141**	12	10	14	15	23	56



Note(*): Capacity and HP vary with product and ingredient characteristics.

Note(**): Hanger Bearings are required for these models

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