

ORBIS MACHINERY, LLC Laboratory Double Arm Mixers are built with the same rugged design as our production units. These mixers are ideal for research and development, product formulation or production scale-up testing. The mixers are available in several sizes in either tangential or overlapping design. **ORBIS MACHINERY, LLC** can also custom engineer and fabricate any size Laboratory Double Arm Mixer.

**ADDITIONAL
DESIGN OPTIONS INCLUDE**

- Sigma Blade
- Dispersion Blades
- Masticator Blades
- Materials ranging from Carbon Steel, Stainless Steel to Exotic Alloys
- ASME Code Jacket
- Internal Vacuum Rated Bowl
- Vacuum or Dust Tight Cover
- Tilt Discharge
- Turn Key Controls
- Vacuum Systems
- Heating Systems
- Standard Packing Glands or Mechanical Seals
- Sanitary Design



Model DKL-4 with Vacuum Cover



Model DKL-1



Model DKL-6



Model DKL-3

MODEL	Working Capacity (Quarts)	Total Capacity (Quarts)	Bowl Length Left to Right Inches	Bowl Width Front to Back Inches	Bowl Depth Inches	HP	Overall Length	Overall Width	Overall Height	Approximate Weight
DKL-1	1	1.5	4.63	5.75	5.75	3/4	31	24	36.5	230
DKL-2	2	3.75	7.5	5.75	5	3/4	35	24	36.5	250
DKL-3	3	4.5	7	8.5	8.5	1	38.4	27	29.4	390
DKL-4	4	4.5	9	8	8.5	1.5	40	27.5	29.4	395
DKL-6	6	9	9	8.5	8.5	1.5	40.5	27.5	29.4	400

ORBIS MACHINERY, LLC CAN CUSTOM ENGINEER ANY SIZE LABORATORY DOUBLE ARM KNEADER



SIGMA BLADE

The **SIGMA BLADE** is a universal style blade and is suitable and versatile for multiple processes such as Confections, Adhesives, Butyl rubber and Sealants.



DISPERSION BLADE

The **DISPERSION BLADE** provides less shear force and is excellent for mixing fiber reinforced products such as BMC. The blades are available in either 135 or 180-degree spiral.



MASTICATOR BLADE

The **MASTICATOR BLADE** is used for dispersion of difficult to mix products such as rubber, plastics or abrasive materials.

APPLICATIONS

- Adhesives
- Confection
- Ceramics
- Chemical
- Healthcare
- Paper & Pulp
- Sealants
- Nutraceutical
- Pigments
- Food
- Carbon
- Rubber

Whatever your process requirements may be, **ORBIS MACHINERY, LLC** can provide a laboratory mixer to fit your needs. From Laboratory to full scale productions mixers we are here to help.



Heating or Cooling Systems



Control Panels

