

APEX Direct Drive Mixer

Sanitary mixing and automated dough handling solutions.



DESIGN INNOVATIONS

With over 50 years of experience in mixing innovation, AMF's APEX Direct Drive Mixer is engineered with an open frame, offset tilt bowl design for easy access and sanitation. Available with either a triple roller bar agitator or sigma arm agitator for stiffer doughs, the APEX DDM offers the best value for dough volumes up to 1,000 lbs. Heavy duty mixing for the production of bread, buns, rolls, cookies, crackers, buttermilk biscuits, corn tortillas, pie doughs, and a variety of specialty snacks.

SANITATION

Engineered with easy access, open frame design to significantly reduce sanitation and maintenance time.

RELIABILITY

Direct drive agitator design eliminates belts and chains which reduces maintenance and lubrication requirements and provides a quieter drive.

SIMPLICITY

Touchscreen operator interface, PLC controls, and pushbuttons allow for frequent operator functions.

PERFORMANCE

Leading the industry with state-of-the-art commercial equipment, the Direct drive mixer has a production range of up to 454 kg/1000 lb and a 120 degree bowl tilt.



The perfect mix of
quality, efficiency,
and flexibility

OTHER ADVANTAGES

- ▼ Stainless steel open frame design with a heavy duty stainless steel canopy, liquid inlets and anti-vibration pads.



Robust Frame Assembly

- ▼ Heavy duty stainless steel bowl is insulated with urethane foam and covered with a welded stainless steel sheet.



Reinforced Bowl Assembly

- ▼ Main shaft seals are easily removable and fabricated of polyethylene for exceptional durability. This new type of seal allows easy cleaning.



Rear Ingredient Door



Vent Sponge Door - 8 Inch Battery Valve

- ▼ Flour vent and canopy scraper that includes two stainless steel liquid inlets and an 8" butterfly valve or sliding flour gate.



Direct Drive Tilt Mechanism

- ▼ The direct drive tilt mechanism has an integral gearhead brake motor with chain and sprockets.



Simple Touchscreen Operator Interface

- ▼ Allen Bradley Panel View Plus operator interface displays mixing and refrigeration time, dough temperature, and status/alarm messages.

SPECIFICATIONS

APEX Direct Drive Mixer

APEX Direct Drive Mixer (DDM) 200	200 lb / 91 kg
APEX Direct Drive Mixer (DDM) 400	400 lb / 181 kg
APEX Direct Drive Mixer (DDM) 600	600 lb / 272 kg
APEX Direct Drive Mixer (DDM) 800	800 lb / 363 kg
APEX Direct Drive Mixer (DDM) 1000	1000 lb / 454 kg

**Maximum batch size depending on dough characteristics

OPTIONS

Mechanical Options:

- Bowl drain valve
- Lip extension
- Y-T asymmetrical full split stainless-steel agitator
- Extra liquid inlet
- Additional flour inlet (available only with butterfly valve)
- Rear sponge door, air operated sliding type
- Rear ingredient door with safety bars and agitator motion interlock
- Stainless-steel full-length legs up to 30" (760 mm)

Electrical Options

- Ammeter or wattmeter to display motor load
- Dough quality monitor to trend agitator motor energy and reference to pre-recorded curves
- Remote pedestal mount stainless steel operator console
- Stainless steel main electrical enclosure
- PLC and operator interface upgrades
- ARC flash reduction panel

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