



**MORTON  
MIXERS**

# Duplex Mixers



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**MIXING IS OUR BUSINESS**

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**THE DUPLEX MIXER IS A Z BLADE OR KNEADER AND IS IDEAL FOR THOSE DIFFICULT AND DEMANDING MIXING JOBS.**

AVAILABLE AS SINGLE OR TWO SPEED VERSIONS, THE MORTON DUPLEX MIXER FEATURES SOLID STEEL BEATERS DESIGNED TO TACKLE THE HEAVIEST OF MIXING DUTIES AND DELIVER A CONSISTENT BLEND EVERY TIME.

ON ALL DUPLEX MIXERS, THE MIXING CONTAINER IS FABRICATED AND HAS NO CRACKS OR CREVICES. THE Z BLADE BEATERS ARE REMOVABLE WITHOUT DISMANTLING THE MIXING CONTAINER. THE OPEN FRAME DESIGN ALLOWS ACCESS AND EASE OF CLEANING.

THE DUPLEX RANGE CAN BE SUPPLIED WITH FEATURES TO SUIT THE CUSTOMERS' REQUIREMENTS, SUCH AS: STEEL GRADE, WEAR RESISTANCE, FLAMEPROOF, VACUUM, HEATING/COOLING JACKETS, SPECIAL LID DESIGNS, INLETS, PLC CONTROL, NON-STANDARD ELECTRICS ETC.

ALL PRODUCTION MODELS ARE AVAILABLE WITH EITHER TILT, BOTTOM DISCHARGE OR SCREW EXTRUDER / DISCHARGE.

**TYPICAL APPLICATIONS**

TYPICAL APPLICATIONS INCLUDE: ADHESIVES, BITUMEN COMPOUNDS, CERAMICS, CLAYS, CARBONORUNDUMS, DYESTUFFS, DENTAL WAXES, EXPLOSIVES, FLOORING MATERIALS, GLUES, GUMS, GRAPHITE, INDUSTRIAL CHEMICALS, JOINTING MATERIALS, KAOLIN, LIQUORICES, MOULDING POWDERS, PIGMENTS, PENCIL CARBONS, PHARMACEUTICALS, PUTTIES, RUBBERS, RESINS, SOAPS, SHORT PASTRY, PUFF PASTRY, CREAM FILLINGS, CAKE MIXES, HEAVY DOUGHS, FONDANTS, MARZIPAN, PIN INCING, TOFFEE.

**MORTON DUPLEX MIXER, MODEL 0**, DESIGNED FOR THE USE IN THE LABORATORY OR TECHNICAL FACILITY, FOR PRODUCT DEVELOPMENT, TEST WORK AND QUALITY CONTROL.

MODEL	SINGLE SPEED	TWO SPEED	CAPACITY	
			WORKING LITRES	TOTAL LITRES
0	-	✓	3	4
0	-	✓	4	5
1	✓	✓	23	50
2	✓	✓	50	77
3	✓	✓	77	114
4	✓	✓	114	173
4 ½	✓	✓	173	250
5	✓	✓	295	473
6	✓	✓	386	618
7	✓	✓	455	727
8	✓	✓	772	1136
10	✓	✓	1136	1726

ATTENTION HAS BEEN PAID TO EASE OF USE BEARING IN MIND THE VARIETY OF JOBS THE MODEL 0 UNDERTAKES.

THE MIXING CONTAINER AND BEATERS CAN BE DISMANTLED IN SECONDS TO ALLOW THOROUGH CLEANING AND QUICK RE-ASSEMBLY.

THE TRANSPARENT LID ENABLES THE OPERATOR TO OBSERVE THE MIXING PROCESS, THE LID AND END PLATE ARE FULLY INTERLOCKED SUCH THAT THE BLADES WILL NOT OPERATE WITH THE LID OPEN OR END PLATE REMOVED.

BASED ON THE SAME DESIGN AS THE LARGER HEAVY DUTY MORTON DUPLEX MIXERS INTENDED FOR USE IN THE SAME INDUSTRIES, THE MODEL 0 IS A MUST FOR PRODUCT DEVELOPMENT AND QUALITY CONTROL EVERYWHERE.



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