

## Malaxeurs Guittard MX Series



MXH 2800

## Double Sigma Blade Production Batch Mixing/Extrusion Systems

Rugged, durable Malaxeurs Guittard double sigma blade mixing systems are ideal for mixing, blending, and kneading challenging high-viscosity materials. Whether you're mixing adhesives, ceramics, colors and pigments, lubricants, metal pastes, food products, molding compounds, rubber, explosives, pharmaceuticals, or one of hundreds of other products, chances are we've developed a mixing system for an application like yours.

The MXE model adds an extrusion screw that not only enhances the mixing process but also transfers and forms the final product. This enables the mixer to be easily integrated into a continuous production system.

Key features include:

- Wide range of standard sizes up to 5,000 liters (1,321 gallons) working capacity; custom models available up to 10,000 liters (2,642 gallons)
- Choice of stationary or tilting units enables loading and unloading to suit your production needs; bottom valve discharge units also available
- Choice of mono- and twin-screw extruder models
- Built to international code standards – CODAP, ASME, TÜV, and others
- Modular design enables easy customization to suit your application
- Jacketed trough design for material heating or cooling
- Independent blade arm drive with differential rotating speeds and adjustable ratio.
- Models available with electric or hydraulic drive systems
- Totally machined smooth trough interior

### Why the MX Series is Better

All Malaxeurs Guittard mixer systems feature a rugged drive mechanism, designed for a long life in high-viscosity mixing applications. Each double sigma blade is powered by an independent drive system driven through a standard planetary gearbox. The result? Very efficient torque transfer, reliable operation, and a long life in even the most challenging applications. And, because the systems feature a simple design, maintenance and repair is quick and easy.



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**Industrial liquid filtration,  
separation and mixing solutions**

# Malaxeurs Guittard MX Series

## Double Sigma Blade Production Batch Mixing Systems

# Product Specifications

MIXER MODELS	Working	Rated	Maximum arm power for MX, MXF, and MXE				Maximum screw power for MXE		MIXER/ EXTRUDER MODELS
	Capacity Litres/(Gal)		S-series (high viscosity) KW (HP)		L-series (very high viscosity) KW (HP)		S-Series KW (HP)	L-Series KW (HP)	
MX60	64/(15)	96/(25)	3/(4)	2.2/(3)	7.5/(10)	5.5/(7.5)	3/(4)	4/(5.5)	MXE 60
MX100	100/(25)	150/(40)	4/(5.5)	3/(4)	7.5/(10)	5.5/(7.5)	3/(4)	5.5/(7.5)	MXE 100
MX160	160/(40)	240/(65)	5.5/(7.5)	4/(5.5)	11/(15)	7.5/(10)	4/(5.5)	7.5/(10)	MXE 160
MX250	250/(66)	375/(100)	7.5/(10)	5.5/(7.5)	18.5/(25)	11/(15)	5.5/(7.5)	11/(15)	MXE 250
MX400	400/(105)	600/(155)	18.5/(25)	11/(15)	37/(50)	30/(40)	11/(15)	30/(40)	MXE 400
MX600	600/(160)	900/(235)	22/(30)	15/(20)	55/(75)	37/(50)	15/(20)	37/(50)	MXE 600
MX800	800/(210)	1200/(315)	30/(40)	18.5/(25)	75/(100)	45/(60)	18.5/(25)	45/(60)	MXE 800
MX1000	1000/(265)	1500/(395)	30/(40)	18.5/(25)	75/(100)	45/(60)	18.5/(25)	45/(60)	MXE 1000
MX1400	1500/(395)	2000/(526)	55/(75)	37/(50)	75/(100)	55/(75)	22/(30)	55/(75)	MXE 1400
MX1600	1600/(420)	2400/(630)	45/(60)	30/(40)	110/(150)	75/(100)	30/(40)	75/(100)	MXE 1600
MX2000	2000/(525)	3000/(790)	75/(100)	45/(60)	160/(220)	110/(150)	45/(60)	110/(150)	MXE 2000
MX2500	2500/(655)	3800/(1000)	90/(125)	55/(75)	200/(250)	132/(180)	55/(75)	132/(180)	MXE 2500
MX3000	3000/(790)	4500/(1185)	110/(150)	75/(100)	250/(350)	160/(220)	75/(100)	160/(220)	MXE 3000
MX4000	4000/(1050)	6000/(1575)	132/(180)	90/(125)	300/(400)	200/(250)	90/(125)	200/(250)	MXE 4000
MX5000	5000/(1315)	7500/(1975)	160/(220)	110/(150)	400/(550)	250/(350)	110/(150)	250/(350)	MXE 5000

## Product Discharge and Drive Options

Mechanical Drive	Hydraulic Drive	Discharge
MX	MXH	Mixer with tilting trough
MXF	MXHF	Stationary mixer discharging through 2 bottom valves
MXE	MXHE	Mixer extruder with discharge through single valve or extruder
MX2E	MXH2E	Mixer/extruder with discharge through twin-screw extruder

## Options

- Wide range of available metallurgies to prevent wear caused by abrasive materials
- Heated or cooled arms with internal channels
- Explosion-proof componentry
- Customized design and manufacturing
- Process under vacuum or under pressure
- Rental program available
- Pilot tests and trials



MX 1400



MXF 3800



MXE 2500

RPA Process Technologies incorporates the combined batch mixing technologies of the following trademarks: GUITTARD MIXERS, UTV CHEMICAL EQUIPMENT, BAKER PERKINS GUITTARD, HENRY, EUROFILCO, and O'TOOLE.

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