



# TECNOLAB® SERIES

## LABORATORY MIXER – *Technical data*





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		IM0.3E	IM1.5E = KO	IM5E = K1	GK1.5E	GK5E
<b>Equipment</b>	Mixing chamber, horizontal split	■	–	–	■	■
	Maintenance door in baseplate	–	–	–	□	□
	Swing drilled sides	–	–	–	–	–
	Tilt back hopper	–	■	■	–	–
<b>Wear resistance</b>	Hard steel plating	–	–	–	–	□
	Chromed	■	■	■	■	■
<b>Drop door</b>	Hydraulic-operated	Pneumatic	■	■	■	■
<b>Dust sealing</b>	Spring-loaded	■	■	■	■	■
	Hydraulic-driven	–	–	–	□	□
	Ring gap lubrication	–	–	–	□	□
<b>Feeding unit</b>	Ram pressure device	Pneumatic	Pneumatic	Pneumatic	Hydraulic	Hydraulic
	Optional: hydraulic	–	■	■	–	–
	Ram pressure	0–50 N/cm <sup>2</sup>	0–24 N/cm <sup>2</sup>	0–24 N/cm <sup>2</sup>	0–60 N/cm <sup>2</sup>	0–60 N/cm <sup>2</sup>
<b>Drive system</b>	Reduction gear type	Semi unidrive	Unidrive	Unidrive	Unidrive	Unidrive
	Water-cooled engine	–	□	□	■	■
	Power: rubber Power: TPE (optional)	6.5 kW	24 kW 48 kW	60 kW 120 kW	24 kW 48 kW	60 kW 120 kW
	Speed: rubber Speed: TPE (optional)	135/135	100/100 200/200	100/100 200/200	100/100 200/200	100/100 200/200
	Slide ring lubrication, pump	–	■	■	■	■
	Optional: lubeless	■	■	■	–	–
<b>Electrical equipment</b>	Thermocouple end frame	■	■	■	■	■
	Thermocouple drop door	–	–	–	□	□
	Ram position measurement	■	■	■	■	■
	Drilling for oil injection valve	–	–	–	■	■
<b>Safety equipment</b>	Thermosensor for engine	□	□	□	□	□
	Safety switch for drop door, locking unit drop door, feeding door open/close, safety door closed	–	■	■	■	■
	Safety switch for horizontal split, dump bucket	■	■	■	■	■
	Thermocouple dust sealing	–	–	–	■	■

■ Standard □ Optional



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		IM5.5VIC	BR1600	BR4000	GK4N	GK1.5N
<b>Equipment</b>	Mixing chamber, horizontal split	–	–	–	■	■
	Maintenance door in baseplate	–	–	–	□	□
	Swing drilled sides	–	■	■	–	–
	Tilt back hopper	–	–	–	–	–
<b>Wear resistance</b>	Hard steel plating	■	–	–	□	–
	Chromed	■	□	■	■	■
<b>Drop door</b>	Hydraulic-operated	■	■	■	■	■
<b>Dust sealing</b>	Spring-loaded	■	■	■	■	■
	Hydraulic-driven	■	–	–	□	□
	Ring gap lubrication	■	–	–	□	□
<b>Feeding unit</b>	Ram pressure device	Pneumatic	Pneumatic	Pneumatic	Hydraulic	Hydraulic
	Optional: hydraulic	–	■	■	–	–
	Ram pressure	0–60 N/cm <sup>2</sup>	0–42 N/cm <sup>2</sup>	0–42 N/cm <sup>2</sup>	0–60 N/cm <sup>2</sup>	0–60 N/cm <sup>2</sup>
<b>Drive system</b>	Reduction gear type	Unidrive	Unidrive	Unidrive	Unidrive	Unidrive
	Water-cooled engine	–	□	□	■	■
	Power: rubber Power: TPE <small>(optional)</small>	60 kW 120 kW	22.5 kW	90 kW	50 kW 100 kW	24 kW 48 kW
	Speed: rubber Speed: TPE <small>(optional)</small>	100/100 200/200	225/225	150/150	111/100 222/200	111/100 222/200
	Slide ring lubrication, pump	■	■	■	■	■
	Optional: lubeless	–	■	■	–	–
<b>Electrical equipment</b>	Thermocouple end frame	■	■	■	■	■
	Thermocouple drop door	□	■	■	□	□
	Ram position measurement	■	■	■	■	■
	Drilling for oil injection valve	■	–	–	■	■
<b>Safety equipment</b>	Thermosensor for engine	□	□	□	□	□
	Safety switch for drop door, locking unit drop door, feeding door open/close, safety door closed	■	■	■	■	■
	Safety switch for horizontal split, dump bucket	■	■	■	■	■
	Thermocouple dust sealing	■	–	–	■	■

■ Standard □ Optional