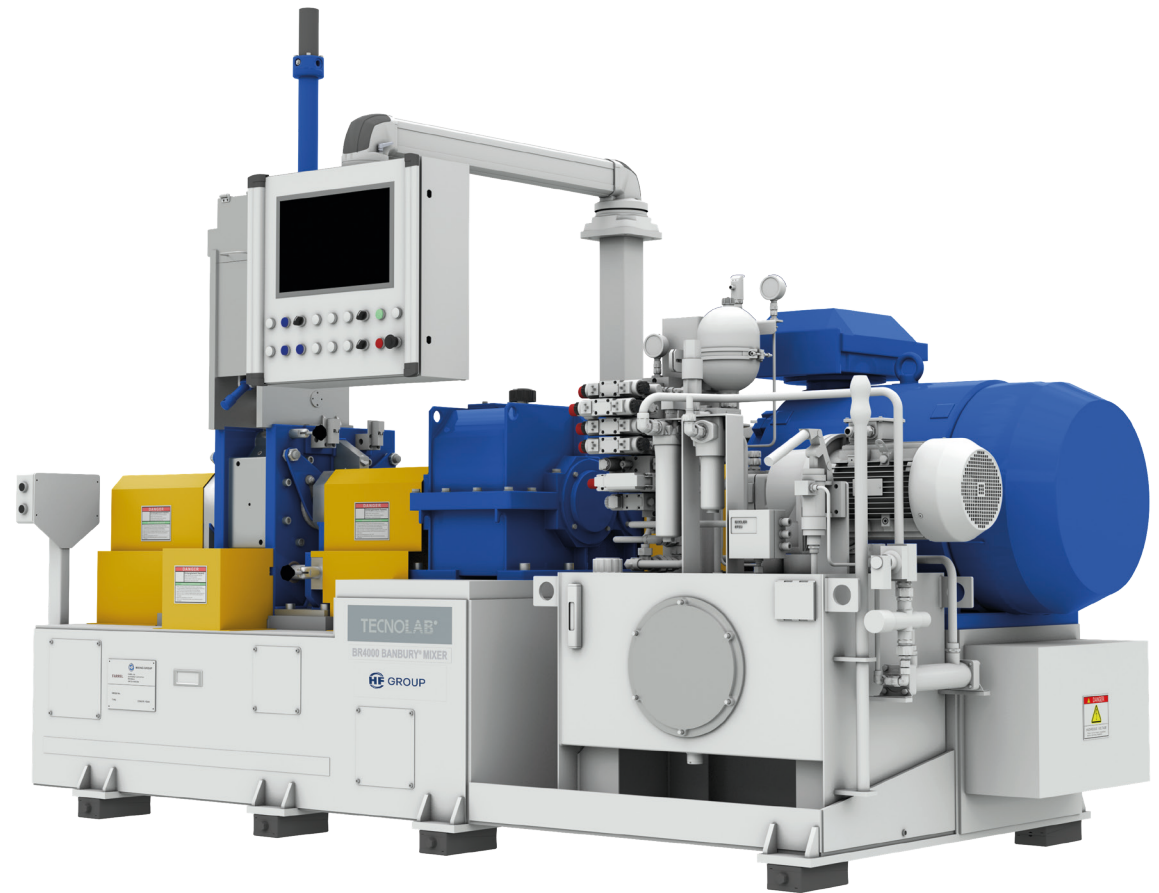


Technical data

TECNOLAB® laboratory mixers



This is a visual of a BR4000 laboratory mixer – the actual laboratory mixers vary depending on the model.

		IM0.3E	IM1.5E = KO	IM5E = K1	GK1.5E	GK5E
		intermeshing mixer				
Equipment	Mixing chamber, horizontal split	s	-	-	s	s
	Maintenance door in baseplate	-	-	-	o	o
	Swing drilled sides	-	-	-	-	-
	Chamber top & hopper tiltable	-	-	-	s	s
	Tilt back hopper	-	s	s	-	-
Wear resistance	Hard steel plating	-	-	-	-	o
	Chromed	s	s	s	s	s
Drop door	Hydraulic-operated	Pneumatic	s	s	s	s
Dust sealing	Spring-loaded	s	s	s	s	s
	Hydraulic-driven	-	-	-	o	o
	Ring gap lubrication	-	-	-	o	o
Feeding unit	Ram pressure device	Pneumatic	Pneumatic	Pneumatic or hydraulic(o)	Hydraulic	Hydraulic
	Ram pressure	0–50 N/cm ²	0–24 N/cm ²	0–24 N/cm ²	0–60 N/cm ²	0–60 N/cm ²
Drive system	Gearbox type	Semi Unidrive	Unidrive	Unidrive	Unidrive	Unidrive
	Water-cooled motor	-	o	o	s	s
	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	-	s	s	s	s
	Optional: lubeless	s	s	s	-	-

s = standard
o = optional



		IM0.3E	IM1.5E = KO	IM5E = K1	GK1.5E	GK5E
Electrical equipment	Thermocouple end frame	s	s	s	s	s
	Thermocouple drop door	-	-	-	o	o
	Ram position measurement	s	s	s	s	s
	Drilling for oil injection valve	-	-	-	s	s
Safety equipment	Thermosensor for engine	o	o	o	o	o
	Safety switch for drop door, locking unit drop door, feeding door open/close, safety door closed	-	s	s	s	s
	Safety switch for horizontal split, dump bucket	s	s	s	s	s
	Thermocouple dust sealing	-	-	-	s	s
Rotors		PES5	PES5	PES5	PES5 or PES7	PES5, PES6 or PES7

s = standard
o = optional



		IM5.5VIC	BR1600	BR4000	GK1.5N	GK4N
		intermeshing with variable clearance	tangential mixer			
Equipment	Mixing chamber, horizontal split	-	-	-	s	s
	Maintenance door in baseplate	-	-	-	o	o
	Swing drilled sides	-	s	s	-	-
	Chamber top & hopper tiltable	-	-	-	-	s
	Tilt back hopper	-	-	-	-	-
Wear resistance	Hard steel plating	s	-	-	-	o
	Chromed	s	o	s	s	s
Drop door	Hydraulic-operated	s	s	s	s	s
Dust sealing	Spring-loaded	s	s	s	s	s
	Hydraulic-driven	-	-	-	o	o
	Ring gap lubrication	s	-	-	o	o
Feeding unit	Ram pressure device	Pneumatic	Pneumatic	Hydraulic	Hydraulic	Hydraulic
	Ram pressure	0–60 N/cm ²	0–42 N/cm ²	0–42 N/cm ²	0–60 N/cm ²	0–60 N/cm ²
Drive system	Gearbox type	Unidrive	Unidrive	Unidrive	Unidrive	Unidrive
	Water-cooled motor	-	o	o	s	s
	Power: rubber	79 kW	22.5 kW	90 kW	24 kW	50 kW
	Power: TPE (optional)	-	-	-	48 kW	100 kW
	Speed: rubber	100/100	225/225	150/150	111/100	111/100
	Speed: TPE (optional)	-	-	-	222/200	222/200
	Slide ring lubrication, pump	s	s	s	s	s
	Optional: lubeless	-	s	s	-	-

s = standard
o = optional



		IM5.5VIC	BR1600	BR4000	GK1.5N	GK4N
Electrical equipment	Thermocouple end frame	s	s	s	s	s
	Thermocouple drop door	o	s	s	o	o
	Ram position measurement	s	s	s	s	s
	Drilling for oil injection valve	s	-	-	s	s
Safety equipment	Thermosensor for engine	o	o	o	o	o
	Safety switch for drop door, locking unit drop door, feeding door open/close, safety door closed	s	s	s	s	s
	Safety switch for horizontal split, dump bucket	s	s	s	s	s
	Thermocouple dust sealing	s	-	-	s	s
Rotors		VIC	2 wing	NST	ZZ2 or 2 wing	ZZ2, MDSC or NST

s = standard
o = optional

