



Well mixed!

Quality products for the highest demands can only be produced if quality is consistent. This continuity is guaranteed by the

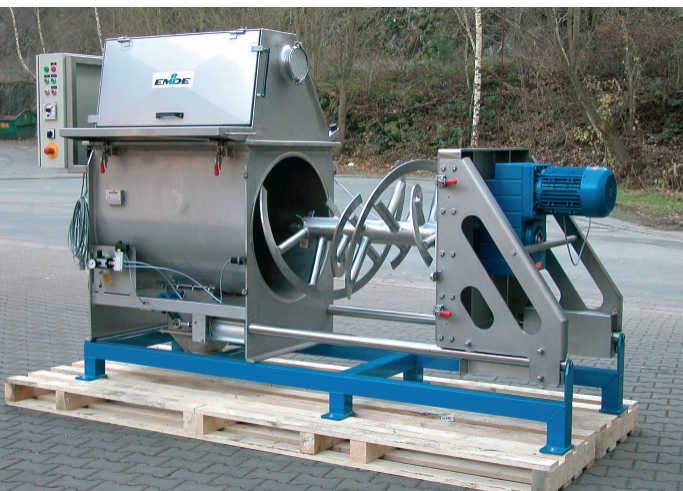
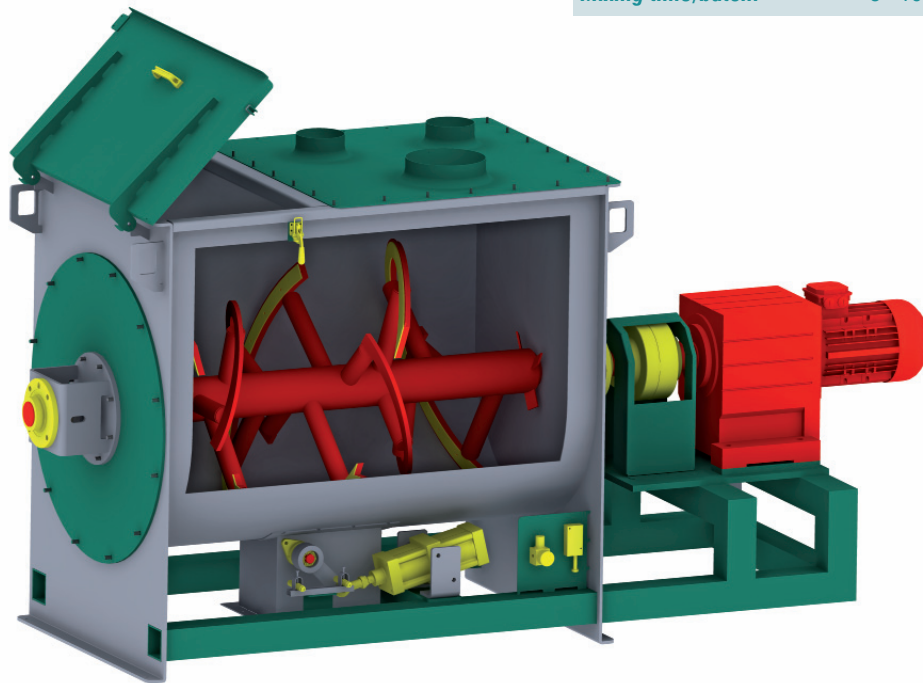
Single shaft blender

that is proven for different applications. Within the shortest mixing period of maximum 3 – 10 minutes, a homogeneous mixture is guaranteed. This is obtained even with big mixing batches and products with very different bulk densities.

- ▶ *Intensive mixing by means of a double-threaded left/right spiralled mixing shaft*
- ▶ *Easy cleaning due to removable mixing shaft*
- ▶ *Also the tiniest parts are homogeneous mixed*
- ▶ *Rotaring knives for agglomerate size-reduction*

Mixing capacity:	100 - 20.000 l/h
Batch sizes:	80 - 5.000 l

Mixture quality:	1 : 100.000
Mixing time/batch:	3 - 10 Min.

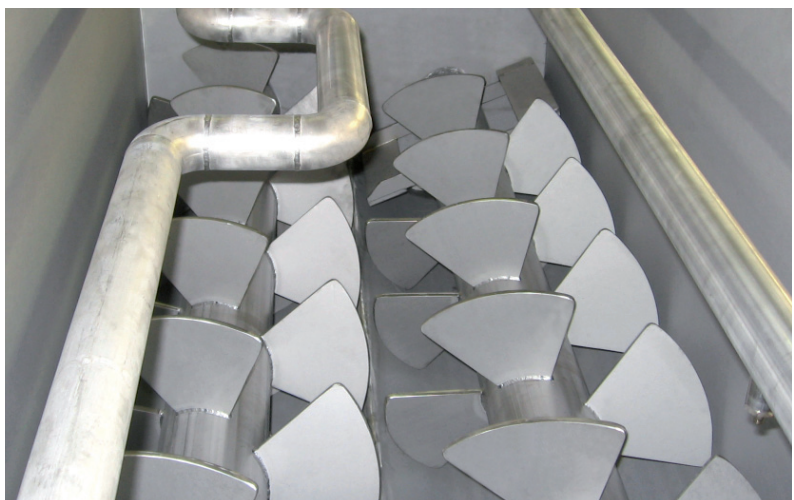
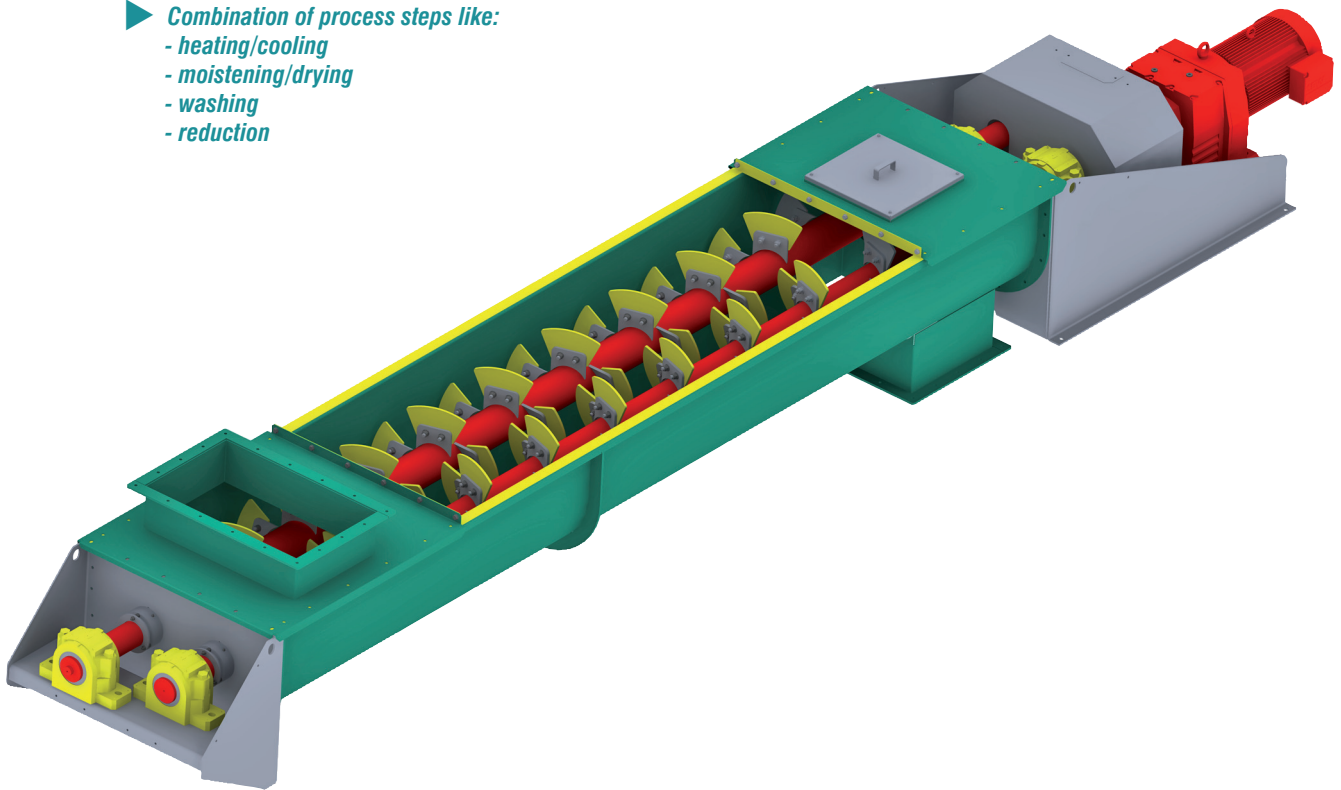


Several process steps like conveying, mixing, size-reduction are executed in combination with a

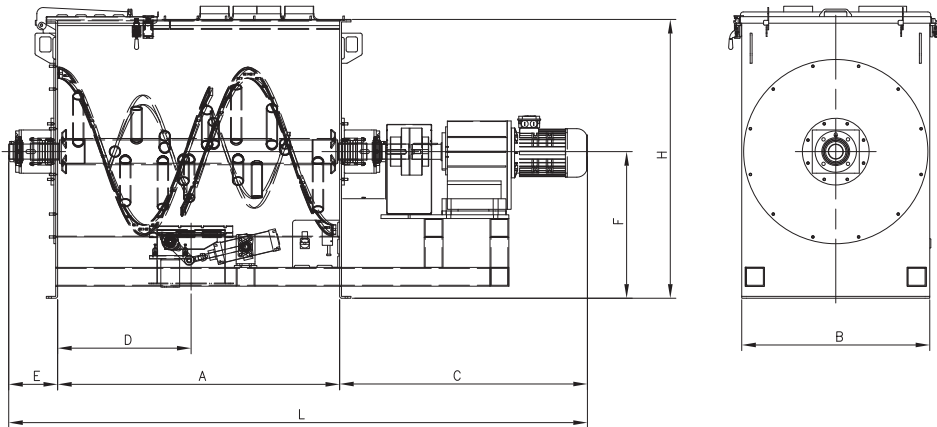
Throughput/mixing capacity:	up to 350 m ³ /h
Mixing length:	up to 5 m

Double shaft mixing screw

- ▶ *Regulated dwell time*
- ▶ *Exchangeable mixing paddle*
- ▶ *Versions of mixing paddles are product specific*
- ▶ *Self cleaning effects by means of a combing version of the mixing shafts*
- ▶ *Combination of process steps like:*
 - heating/cooling
 - moistening/drying
 - washing
 - reduction

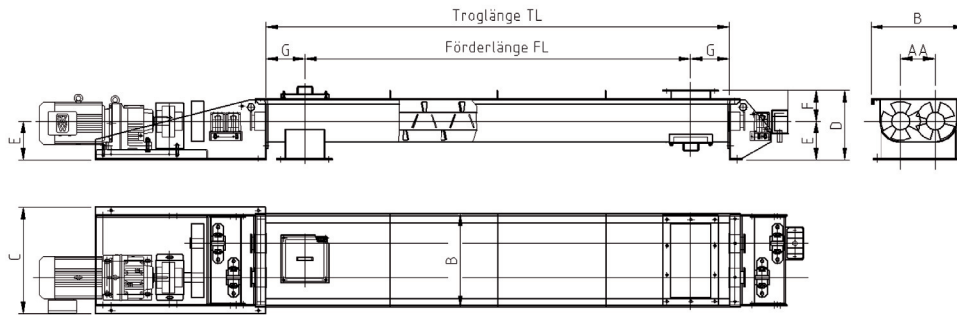


EMDE Single shaft blender



type	trough Ø [mm]	a trough- length [mm]	B [mm]	H [mm]	L [mm]	C [mm]	D [mm]	E [mm]	F [mm]
ESM 25	315	530	395	440	1425	665	265	230	240
ESM 80	500	700	600	720	1765	805	350	260	410
ESM 125	500	1000	600	720	2065	805	500	260	410
ESM 250	710	1500	810	1000	2715	950	500	265	500
ESM 400	710	1500	810	1000	2715	950	750	265	500
ESM 630	900	1500	1000	1480	3160	1390	750	270	780
ESM 1000	900	2000	1000	1480	3935	1665	1000	270	780
ESM 1500	1250	2000	1350	1860	3840	1570	1000	270	960
ESM 2000	1250	2500	1350	1860	4455	1685	1250	270	960
ESM 3000	1250	3000	1350	1860	5520	2100	1500	420	960
ESM 4000	1600	2500	1700	2250	5180	2250	1250	430	1250

EMDE Double shaft mixing screw



Type	shaft- distance AA [mm]	width B [mm]	width C [mm]	overall height D [mm]	design height E [mm]	inlet height F [mm]	spacing G [mm]
DSM 200	160	482	570	450	250	200	200
DSM 250	220	604	690	450	250	200	250
DSM 315	260	756	850	550	300	250	300
DSM 400	300	851	950	650	350	300	400
DSM 500	380	1.050	1.170	850	450	400	450
DSM 630	480	1.320	1.455	910	460	450	500
DSM 800	600	1.680	1.805	1.200	550	650	600
DSM 1000	750	2.010	2.155	1.370	670	700	700