

## Application area

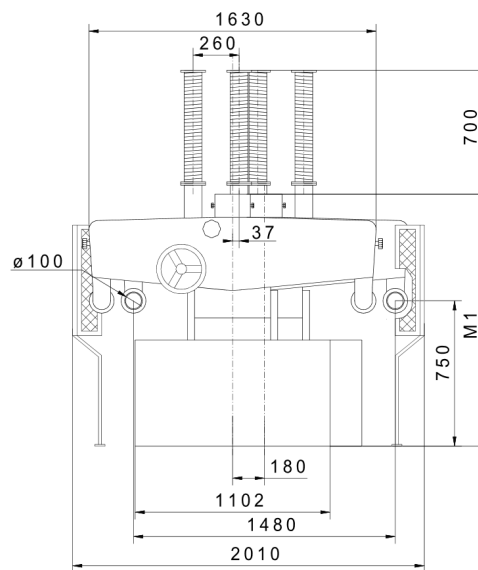
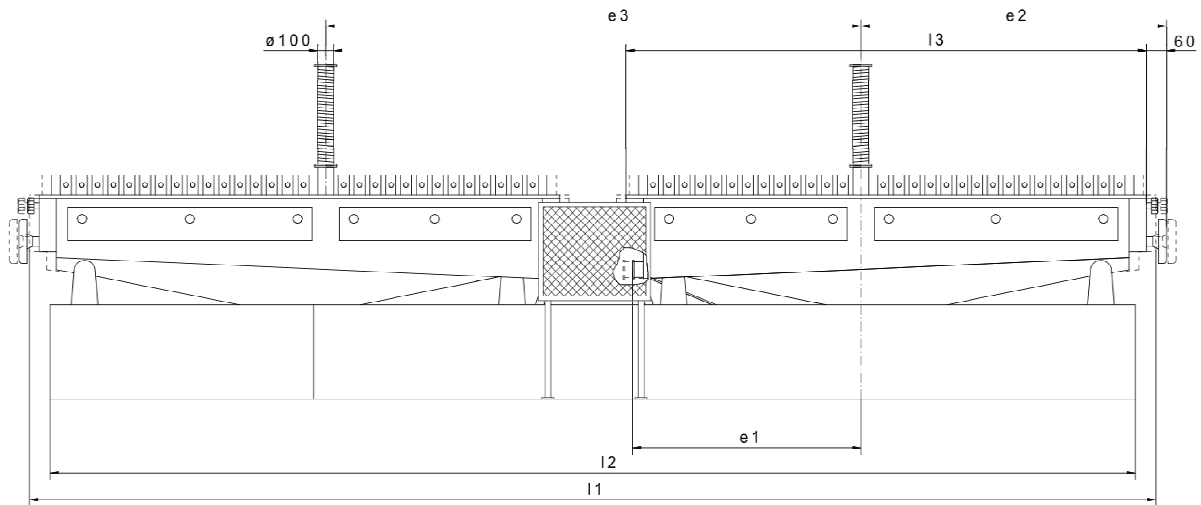
- Separating and grading of grainy products of nearly equal size, shape and weight
- Separating of specifically lighter (unshelled) grains from specifically heavier (shelled) grains of rice, millet, oats, spelt sunflowers etc.
- Separating of ergot, thistle, excrescence or stones from grain
- Separating of low-quality grains and grains gnawed at by insects
- Separating of grains with weak germination from those with strong germination

## Principle of operation

- The separating process is based on the well-approved throw-bond-principle, using various specific product properties of the grain mixture such as specific gravity, elasticity and friction
- The light product goes to the higher outlet and the heavier product to the lower outlets as a result of the reciprocating oscillation of the inclined separating table.

## Main features

- The Tandem-Table Separator TTA is the result of the combination of two Table Separators TA type which can achieve twice throughput of an individual machine of the same size
- The both separating tables are driven by one motor because of the tandem arrangement
- The tandem arrangement ensures a high compensation degree of the weight forces caused by oscillations of the separating tables
- As result is a reduction of energy consumption up to 50% compared with the using of two individual tables.
- Infinitely variable speed regulation with frequency converter
- Digital indication of the number of strokes and the angle of table inclination
- ATEX conformity on request



Type	Throughput			Main dimensions						Driving power
	Husked from Unhusked grains		Beetle lentils from food lentils	e1	e2	M1	l1	l2	l3	
	Rice	Oats								
TA 2 x 2 x 10	1600 - 2800	1000 - 1400	600 - 700	1263	1302	1332	6130	5724	2604	2,2
TA 2 x 3 x 10	2400 - 4200	1500 - 2100	900 - 1050	1263	1302	1424	6130	5724	2604	2,2
TA 2 x 3 x 13	3120 - 5600	1940 - 2800	1200 - 1400	1606	1647	1424	7510	7104	3294	2,2

Number of strokes: 80 to 110 strokes per min  
 Exhaust air: 10,6 m<sup>3</sup> per min