

# SLANTING MIXER

## Slanting Mixer VIS

Trough and mixing blade are inclined at 45°. The mixing blade is unilaterally supported in the top of the machine. AMK Slanting Mixers are suitable for mixing powdery, granular, fibrous, and damped applications or products requiring damping and also in their final stage flowable pastes. The effectiveness depends on the best utilization regarding the product to be mixed in combination with intensively operating mixing blades. The mixing blade, shaped as an interrupted ribbon, conveys the material into free space in stages. The mixing blade speed is designed thus that apart from this movement a slight centrifugal and vortex effect is achieved. The mode of operation of the mixer enables a short mixing time with high mixing accuracy. AMK Slanting Mixers are used in the chemical, pharmaceutical, food, and allied industries. In the chemical industry the machines are used amongst other applications for mixing electroplating salts, welding electrode masses, soap powder, lead dust, insecticides, etc. In the pharmaceutical industry they are used for dampening granular masses, for mixing dry granulates, for drying processes, etc.

## Slanting Mixer/Kneader VISD

The AMK Slanting Mixer/Kneader type VI SD has trough and mixing blades inclined at 45° as well. The two mixing blades are unilaterally supported. The possibility of use and application is similar to the AMK Slanting Mixer VIS. For the processing of pasty products, the direction of rotation of the mixing blades can be changed to obtain a kneading effect. The product is transported from the blades to the bottom of the trough, in this way producing shearing forces.

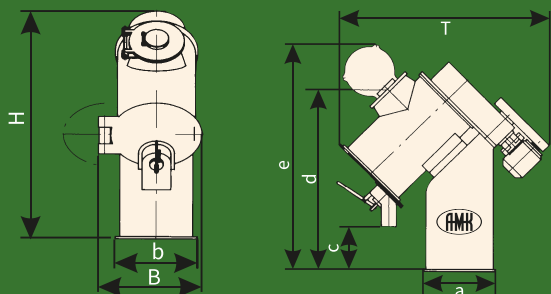
## Vacuum Slanting Dryer VIST

By arranging the mixing trough under 45° it is possible to move the product horizontally, vertically, and radially by means of a slow-moving mixing blade. The main conveying direction is always to the top into the free space, this means the material is very carefully moved. Due to the slanting position of the trough it is possible to arrange the shaft leadthrough of the mixing blade being unilaterally supported above the mixing level. Thus sealing is made more easy. By fitting the mixer with the bottom cover to swing out sidewise, cleaning can be done simply and safely. This production range is as well available in a pharma version.



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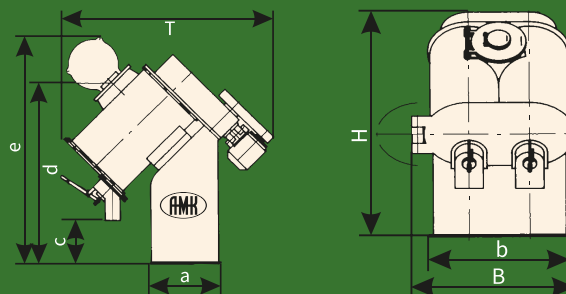
## Slanting Mixer VIS



Working capacity	B	T	H	a	b	c*	d	e
10 Litre	380	900	1,145	290	290	400	970	1,150
25 Litre	440	1,100	1,410	390	390	500	1,240	1,470
40 Litre	560	1,200	1,480	390	390	500	1,320	1,550
60 Litre	640	1,500	1,790	540	540	600	1,530	1,840
80 Litre	700	1,550	1,840	540	540	600	1,580	1,890
110 Litre	750	1,610	1,890	540	540	600	1,670	1,990
150 Litre	810	1,850	2,240	690	730	800	1,990	2,430
200 Litre	890	1,970	2,360	690	730	800	2,080	2,520
250 Litre	920	2,030	2,430	690	730	800	2,150	2,590
300 Litre	970	2,250	2,570	840	880	800	2,210	2,720
400 Litre	1,060	2,350	2,680	840	880	800	2,330	2,880
500 Litre	1,180	2,500	2,780	840	880	800	2,440	2,980
600 Litre	1,200	2,700	2,890	1,000	1,050	800	2,500	3,190
800 Litre	1,360	2,900	3,030	1,000	1,050	800	2,680	3,330
1,000 Litre	1,560	3,250	3,400	1,250	1,250	800	2,910	3,520
1,500 Litre	1,750	3,500	3,630	1,250	1,250	800	3,170	3,780
2,000 Litre	1,760	3,850	3,970	1,500	1,350	800	3,370	3,980

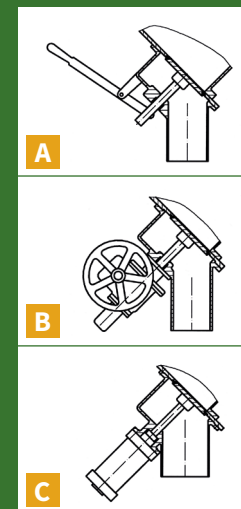
Measures in mm, without obligation \*Measure „c“ variable

## Slanting Mixer/Kneader VISD



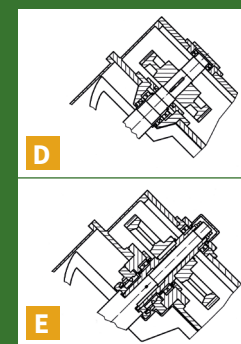
Type	Working capacity	B	T	H	a	b	c*	d	e
50	50 Litre	700	1,100	1,140	390	560	500	1,240	1,470
80	70 Litre	860	1,200	1,470	390	620	500	1,320	1,550
120	110 Litre	980	1,500	1,790	540	820	600	1,530	1,840
220	200 Litre	1,170	1,610	1,890	560	840	600	1,670	1,990
300	280 Litre	1,280	1,850	2,240	700	1,130	800	1,990	2,430
400	370 Litre	1,410	1,970	2,360	700	1,130	800	2,080	2,520
500	460 Litre	1,470	2,030	2,430	700	1,130	800	2,150	2,590
600	540 Litre	1,560	2,250	2,570	840	1,400	800	2,210	2,720
800	730 Litre	1,700	2,350	2,680	840	1,400	800	2,330	2,880
1,000	930 Litre	1,870	2,500	2,780	840	1,400	800	2,440	2,980
2,000	1,850 Litre	2,440	3,250	3,400	1,250	2,100	800	2,910	3,520
3,000	2,800 Litre	2,750	3,500	3,630	1,250	2,100	800	3,170	3,780
4,000	3,700 Litre	2,850	3,850	3,970	1,350	2,650	800	3,370	3,980

Measures in mm, without obligation \*Measure „c“ variable



### DISCHARGING

- A Hand lever
- B Hand Wheel
- C Pneumatic cylinder



### SEALS

- D Normal sealing
- E Sterile axial seal ring