



# OUR MACHINES FOR **PHARMACEUTICAL** **SECTOR**



# ABOUT US

**Established in 2014 at MIDC, Satpur, Nashik, Align Industry is a leading provider of top-tier machinery catering to the Pharmaceutical & Cosmetics sector, trusted by professionals worldwide.**

Founded by Mr. Chetan Pawar, a seasoned Chemical Engineer renowned for his expertise and foresight in crafting a diverse range of machinery essential for these industries. Backed by state-of-the-art technology & supported by a proficient technical team, we prioritize adherence to meticulous processes to ensure the production of superior-quality machinery.



## Ribbon Mixer

Align's Ribbon Blenders adhere to the most stringent quality standards & ensure long-term performance. We pay meticulous attention to every detail in design & fabrication, knowing that each aspect contributes to enhanced production efficiency.

Model	Capacity (liter)	Useful Cap. (liter)	Power (kW)	RPM	L (mm)	W (mm)	H (mm)	Outlet (mm)	Weight (kg)
AIRM-100	100	40-60	2.2	80	1,250	840	613	80x80	250
AIRM-300	300	120-180	4	72	1,630	1,005	1,015	250x80	600
AIRM-500	500	200-300	5.5	65	2,030	1,175	1,140	360x120	850
AIRM-1000	1,000	400-600	11	50	2,460	1,455	1,375	360x120	1,300
AIRM-2000	2,000	800-1,200	18.5	38	3,050	1,710	1,545	360x120	2,300
AIRM-3000	3,000	1,200-1,800	22	35	3,500	1,865	1,680	360x120	3,300



## Ploughshare Mixer

Discover our versatile PTS Ploughshare Mixer, designed to handle a range of materials. From drying substances to powdery granules, short-fibered compounds, and even moist solids with liquids, this mixer excels at blending pasty materials and highly viscous masses.

Model	Capacity (liter)	Working Cap. (liter)	Power (kW)	Speed (rpm)	L1 (mm)	L (mm)	W (mm)	H1 (mm)	H (mm)
AIPM-5L	5	3	1.1	0-582	180	800	500	-	-
AIPM-10L	10	7	1.1	0-582	200	900	500	-	-
AIPM-45	45	30	2.2	223	480	900	550	450	950
AIPM-70	70	45	2.2	190	580	1,050	600	450	970
AIPM-100	100	70	3	170	660	1,100	610	450	1,020
AIPM-200	200	140	5.5	149	890	1,400	730	500	1,180
AIPM-300	300	210	7.5	129	970	1,550	850	500	1,300
AIPM-500	500	350	11	118	1,250	2,000	950	500	1,400
AIPM-750	750	500	15	103	1,500	2,250	1,100	600	1,600
AIPM-1000	1,000	700	22	101	1,900	2,600	1,150	600	1,800



## V Blender

Experience the innovation of Align's PVM series V Blenders, engineered for swift and uniform mixing of free-flowing dry powders, granules, and crystals.

Model	Capacity (liter)	Working Cap. (liter)	Power (kW)	L (mm)	W (mm)	H (mm)	Operation H (mm)
AIVB-5	5	3	0.25	800	500	660	750
AIVB-15	15	7	0.37	600	430	1,265	1,335
AIVB-45	45	20	0.55	850	620	1,540	1,650
AIVB-100	100	50	0.75	1,100	810	1,620	1,950
AIVB-200	200	100	1.1	1,400	1,020	2,100	2,280
AIVB-300	300	150	1.5	1,600	1,160	2,320	2,530
AIVB-500	500	250	2.2	1,630	1,070	2,600	2,600
AIVB-700	700	350	3	1,820	1,200	2,770	
AIVB-1000	1,000	500	4	2,100	1,350	2,985	2,770



## Double Cone

Explore the capabilities of our PDC series Double Cone Blender. Exceptional mixers are designed for rapid and consistent blending of free-flowing dry powders, granules, and crystals.

Model	Capacity (liter)	Operation Vol. (liter)	Power (kW)	L (mm)	W (mm)	H (mm)	Operation H (mm)
AIDC-5	5	3	0.25	810	500	660	770
AIDC-15	15	7	0.37	700	525	1,100	1,150
AIDC-45	45	20	0.55	1,000	760	1,300	1,400
AIDC-100	100	50	0.75	1,200	990	1,500	1,630
AIDC-200	200	100	1.1	1,560	1,240	1,715	1,890
AIDC-300	300	150	1.5	1,750	1,400	1,900	2,000
AIDC-500	500	250	2.2	2,200	1,600	2,550	2,825
AIDC-700	700	350	3	2,400	1,900	2,720	2,970
AIDC-1000	1,000	500	4	2,670	2,120	2,850	3,150



## Octagonal Blender

Our octagonal blenders excel in uniformly blending free-flowing powders and granules with minimal shearing force. They facilitate thorough mixing and blending of particles, ensuring rapid intermixing regardless of differences in specific gravities.

Model	Brim Volume (liter)	Working Volume (liter)	Loading Capacity (kg)	Container Speed (rpm)	Motor (hp)
AIOB-50	60	50	25	12	1
AIOB-60	72	60	30	12	1
AIOB-100	120	100	50	12	1.5
AIOB-120	150	120	60	12	1.5
AIOB-200	240	200	100	12	2
AIOB-240	300	240	120	12	2
AIOB-300	360	300	150	12	3
AIOB-500	600	500	250	10	5
AIOB-1000	1200	1000	500	8	7.5
AIOB-1500	1800	1500	750	8	10
AIOB-2000	2400	2000	1000	8	15
AIOB-3000	3600	3000	1500	8	20
AIOB-5000	6000	5000	2500	8	25



## High Speed Mixer

The PDI series High-Speed Mixer by Align sets the standard for efficiency and versatility in blending. Whether mixing dry powders or granulating with liquid binders, this machine delivers rapid results while boasting exceptional cleaning capabilities.

Model	Total V. (liter)	Operation V. (liter)	Impeller Power (kW)	Impeller Speed (rpm)	Chopper Power, (kW)	Chopper Speed (rpm)
AIHSM-10	10	6	2.2	381	1.1	1,500
AIHSM-50	50	30	4	288	1.1	1,500
AIHSM-100	100	60	5.5	277	1.5	1,500
AIHSM-200	200	120	7.5	193	3	1,500
AIHSM-300	300	180	11	176	4	1,500
AIHSM-400	400	240	15	176	5.5	1,500
AIHSM-600	600	360	22	149	5.5	1,500
AIHSM-800	800	480	30	124	7.5	1,500



## 3D Mixer

For achieving uniform mixing of powders with varying densities and particle sizes, look no further than the PTU series 3D Mixer from Align. From dry-to-wet to wet-to-wet mixtures, this blender ensures homogeneous blends with precision.

Model	Capacity (liter)	Operation Volume, (liter)	Power (kW)	Speed of Mixing Can (rpm)	L (mm)	W (mm)	H (mm)	Weight (kg)
AI3M - 5	5	4	0.25	28	600	1000	900	150
AI3M - 15	15	12	0.37	20	700	1000	1000	200
AI3M - 50	50	40	1.5	15	1120	1330	1220	500
AI3M - 100	100	80	2.2	12	1370	1550	1430	700



## Kneader Mixer

Engineered with Z-shaped mixing tools within two semi-cylinders, the PSG series Sigma Kneader from Align excels in mixing and kneading high-viscosity materials surpassing 500,000 cps with unparalleled efficiency.

Model	Capacity (liter)	Working Cap. (liter)	Power for Arms (kW)	Power for Arms (kW)	Arm Speed (rpm)	L (mm)	W (mm)	H (mm)
AIKM-1	1	0.6	1.1	2.2	60/47	550	450	700
AIKM-3	3	2	1.1	2.2	65/40	650	500	700
AIKM-5	5	3.5	1.1	2.2	65/40	700	550	730
AIKM-10	10	6	1.5	3	50/35	900	580	691
AIKM-15	15	10	2.2	5	50/28	1053	623	861
AIKM-50	50	30	3-5.5	5.5-11	43/27	1330	910	1350
AIKM-100	100	60	5.5-7.5	11-15	40/25	1588	984	1452
AIKM-150	150	90	5.5-11	11-15	40/25	1780	990	1600
AIKM-200	200	120	7.5-15	15-22	41/26	1988	1000	1829
AIKM-300	300	180	7.5-22	15-30	33/22	2730	1930	1745
AIKM-400	400	240	11-30	22-37	33/22	2850	1950	1800
AIKM-600	600	360	30-37	55-75	35/23	3070	2080	1870



## Double Planetary Mixer

From mixing to kneading, stirring, & deaerating, the PDP series Double Planetary Mixer by Align handles a wide range of materials, including highly viscous pastes & wet powders, with ease.

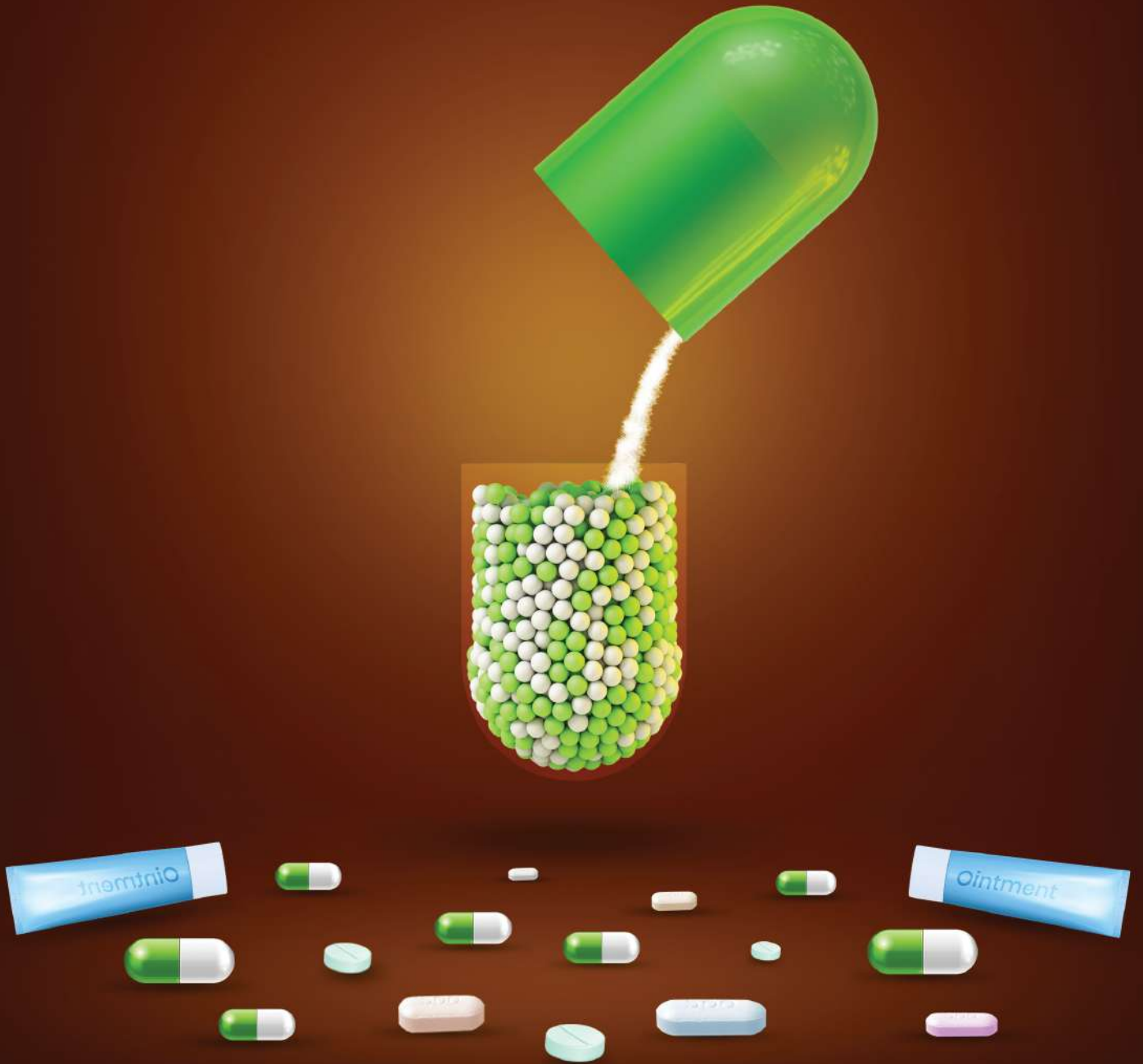
Model	Total V. (liter)	Working V. (liter)	Motor (kw)	Lifting Power (kw)	L (mm)	W (mm)	Height Closed (mm)	Height Open (mm)
AIDPM-3	3.5	2	0.75	-	950	500	1,500	-
AIDPM-10	10	6	1.5	-	1,000	500	1,650	-
AIDPM-30	30	20	4	1.1	1,250	700	1,350	1,750
AIDPM-50	50	35	5.5	1.1	1,300	800	1,450	1,900
AIDPM-100	100	70	7.5	1.5	1,550	700	1,450	1,950
AIDPM-200	200	140	11	2.2	1,850	800	1,700	2,300
AIDPM-300	300	210	15	2.2	1,900	900	1,700	2,350
AIDPM-500	500	350	30	4	2,400	1,050	2,000	2,800
AIDPM-750	750	520	37	4	2,750	1,200	2,400	3,300
AIDPM-1000	1,000	700	45	5.5	2,800	1,650	2,450	3,300



## High Speed Dispenser

Designed to meet the demanding requirements of various industrial applications, the PD series High-Speed Dispenser from Align ensures swift dispersing at high speeds.

Model	Working V. (liter)	Main Motor (Kw)	Max Shaft Speed (rpm)	L (mm)	W (mm)	H (mm)	H (lifted) (mm)	Disc Dia (mm)	Weight (kg)
AIHSD-5L*	2-5	0,55	0-10,000	460	420	740	990	50/60	30
AIHSD-70	70	1.5/2.2	3,000	680	775	1410	1910	120/100	140
AIHSD-100	100	3	2,100	950	400	1500	2100	150/100	200
AIHSD-200	200	5.5	2,100	1400	700	1750	2550	200/150	500
AIHSD-300	300	7.5	2,100	2200	1100	2100	3100	250/200	1200
AIHSD-500	500	11	1,500	2200	1100	2100	3100	300/250	1300
AIHSD-700	700	18.5	1,500	2400	1300	2200	3300	350/300	1400
AIHSD-1000	1000	22	1,500	2500	1400	2200	3300	400/300	1600
AIHSD-1200	1200	30	1,500	2800	1600	2500	3700	425/350	1900
AIHSD-2000	2000	37	1,500	2800	1600	2500	3700	500/425	2100
AIHSD-3000	3000	55	1,500	3400	2200	3000	4500	625/500	2400
AIHSD-4000	4000	75	1,000	3400	2200	3000	4500	700/625	2600
AIHSD-6000	6000	110	1,000	3800	2400	3200	4800	800/700	3100



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