

Sludge Dewatering Press

New Type Screw Press

NKS Series



Product Features

👉 High Performance Screw Press

New improvements to the core components achieve higher dewatering performance than conventional models.

👉 Compact Design·Easy Installation

Space-saving is realized. After installation, only the connection of piping and power supply.

👉 Energy Saving·Low Noise·Low Vibration

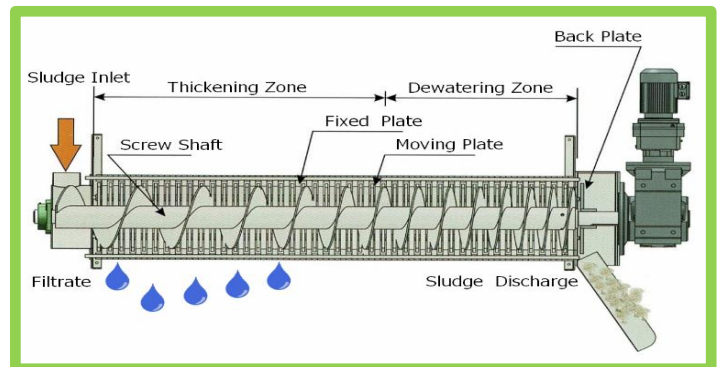
It adopts a low speed rotating motor, taking into consideration the environmental and safety aspects. Energy saving is realized with low power, no cleaning water required, and reduced running costs.

👉 Free Maintenance

The automatic cleaning mechanism to prevent clogging enables unattended operation 24 hours a day.

Dewatering Principle

The Dewatering Body is quenched with a screw that penetrates the Cylinder formed by laminating the moving rings and the fixed rings. The flocculated sludge is conveyed by the rotation of the screw while being thickening and dewatering process. The structure where the blades of the screw always push up the moving rings realize continuous stable operation without clogging.



Installation Example

<References>

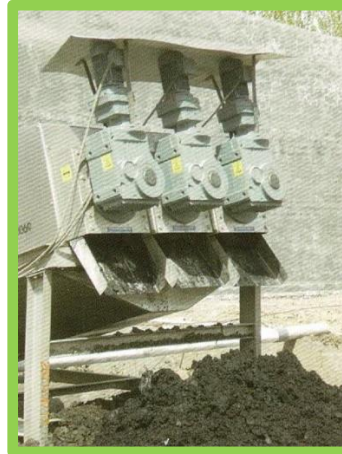
- Municipal Sludge
- Food Processing
- Confectionery
- Sugar Cane
- Pharmaceutical
- Textile
- Soft Drink, Beer
- Live Stock
- Meat Processing
- Petroleum
- Automobile
- Chemical Plant
- Painting Plant
- Electric Plant



Pharmaceutical Plant



Sugar Cane



Leather Plant



Food Processing



Petroleum

Specification 1

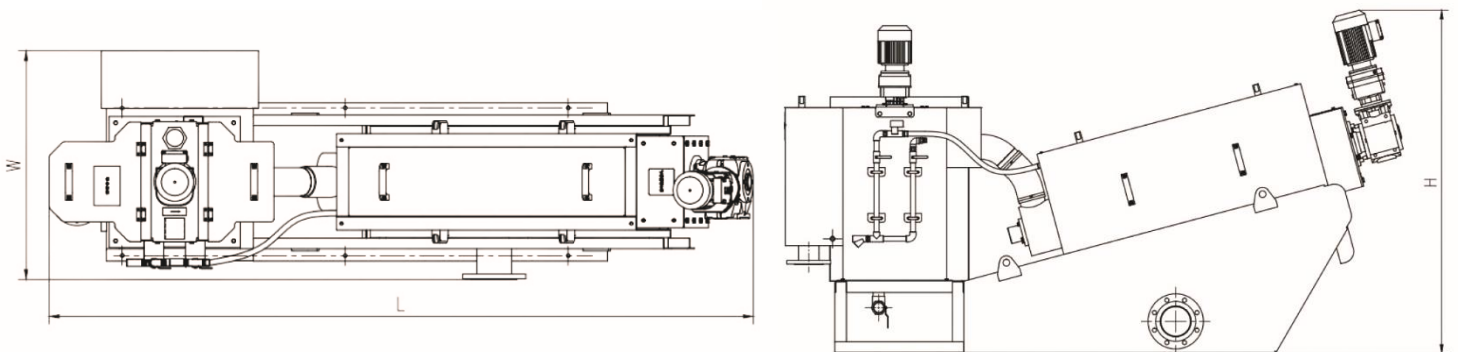
Model	Cylinder No.	Total Power (kW)	Capacity(kg-DS/h)	
			Concentration (TS)	
			Less 1.0%	Above 1.5%
NKS-131	Φ130×1	0.3	~5	~10
NKS-132	Φ130×2	0.5	~10	~20
NKS-251	Φ250×1	0.6	~15	~30
NKS-252	Φ250×2	1.0	~30	~60
NKS-301	Φ300×1	1.5	~30	~60
NKS-302	Φ300×2	2.25	~60	~120
NKS-303	Φ300×3	3.0	~90	~180
NKS-304	Φ300×4	3.75	~120	~240
NKS-351	Φ350×1	1.5	~50	~100
NKS-352	Φ350×2	2.25	~100	~200
NKS-353	Φ350×3	3.0	~150	~300
NKS-354	Φ350×4	3.75	~200	~400
NKS-401	Φ400×1	3.0	~80	~160
NKS-402	Φ400×2	4.5	~160	~320
NKS-403	Φ400×3	7.5	~240	~480
NKS-404	Φ400×4	9.0	~320	~640

※ Available for CE Marking, UL Spec, CCC spec, and 200~480 Voltage.

Specification 2

Model	Washing Water(ℓ /h)	Dimentions(mm)			Weight(kg)	
		L	W	H	Dry	Operation
NKS-131	35	1870	730	1170	250	395
NKS-132	70	2000	960	1230	350	595
NKS-251	45	2690	880	1600	500	805
NKS-252	90	2810	1120	1600	800	1320
NKS-301	45	3310	1000	1700	750	1275
NKS-302	90	3500	1300	1700	1340	2225
NKS-303	135	3700	1650	1700	1750	3030
NKS-304	180	4000	2050	1750	2150	4150
NKS-351	45	3610	1100	1850	1150	1915
NKS-352	90	3820	1490	1850	1950	3205
NKS-353	135	4120	1770	1850	2800	4830
NKS-354	180	4320	2290	1850	3700	6515
NKS-401	90	4550	1180	2250	2050	3425
NKS-402	180	4870	1710	2250	3850	6645
NKS-403	270	4790	2550	2250	5400	9710
NKS-404	360	4840	3140	2250	7000	12960

※ Available for CE Marking, UL Spec, CCC spec, and 200~480 Voltage.



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