

Johkasou Sewage Treatment Plant

Treat at the Site, Reuse at the Site



Sales Partner



HES WATER ENGINEERS INDIA PVT. LTD.



Designed in Japan. Made in India

Manufacturer









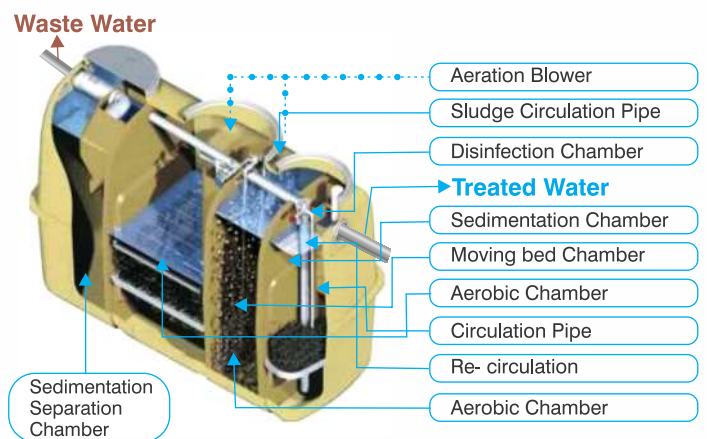
DAIKI AXIS INDIA PVT. LTD.

DAIKI AXIS Johkasou Sewage Water Treatment Plant

Johkasou is a Decentralized Packaged Sewage Treatment Plant, technology and concept certified by the Government of Japan and manufactured by DAIKI Axis in India.

Features of Johkasou - STP

-  Low Energy, Small footprint, Low Capital Cost & Low Operating Cost
-  Odourless & Low noise
-  Low Sludge Generation & Quick Maintenance
-  Ease of Installation & Long plant life
-  Leak Proof & Non corrosive
-  Highly Modular & Scalable



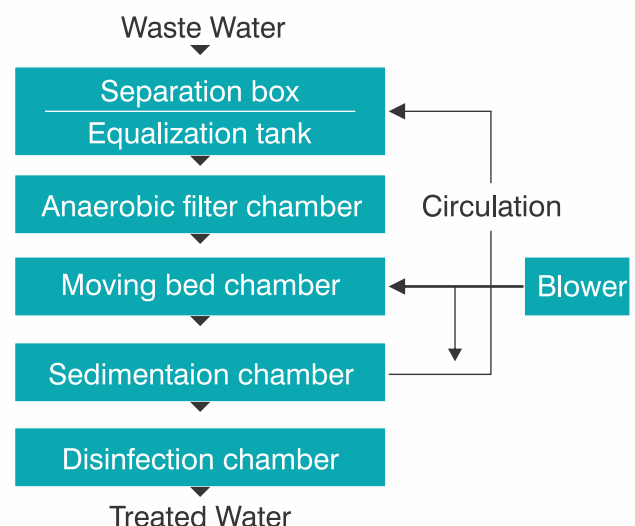
Sizes Available
1 KLD to 300 KLD

Performance of Johkasou - STP

Inlet	Parameter	A I-type Outflow	A I J-type Outflow	A I M-type Outflow
6-8	pH	6-8	6-8	6-8
300	BOD	20	10	5
450	COD	50	25	10
240	SS	30	20	5
80	O&G	10	10	5
50	T-N	45	10	10

*Johkasou is capable of meeting needs for output qualities expected by the government regulatory bodies.

Treatment Flow



Images of Installation

Apartment Complex (60KLD)



Install Above Ground



Individual House (1KLD)



Install Under Car Parking



Commercial Building (40KLD)



Install Under Green

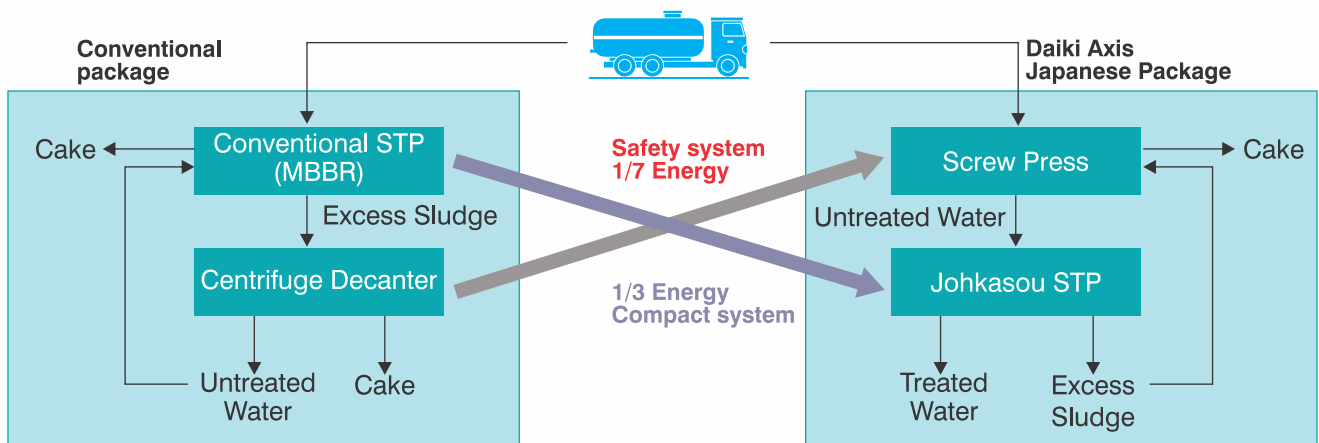


Operating Cost Comparison

	10 KLD		50 KLD		100 KLD	
	Blower	Pump	Blower	Pump	Blower	Pump
Daiki Axis Johksou-STP	0.08kwh	0 kwh	0.74kwh	0 kwh	1.98kwh	0kwh
Conventional STP	1.50kwh	0.38kwh	3.75kwh	2.25kwh	7.50kwh	2.25kwh
10 KLD	0.08kwh x 24h x 365 days x Rs.7.0 = Rs.4,906 • (1.50 + 0.38)kwh x 24h x 365 days x Rs.7.0 = Rs.115,282					1.1 Lakh
50 KLD	0.74kwh x 24 x 365 days x Rs.7.0 = Rs.45,377 • (3.75 + 2.25)kwh x 24h x 365 days x Rs.7.0 = Rs.367,920					3.2 Lakhs
100 KLD	1.98kwh x 24h x 365 days x Rs.7.0 = Rs. 121,414 • (7.50 + 2.25)kwh x 24h x 365 days x Rs.7.0 = Rs.597,870					4.8 Lakhs

Savings

Advance Treatment for Fecal Sludge



Manufacturer

DAIKI
AXIS
INDIA

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Sales Partner



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