

Remarkable Dewatering system
 50% Sludge Cake Cut-Down
 Reborn to Renewable Energy


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REPRESENTATIVE REFERENCES

The followings are New Up-Graded ELODE's detail reference and back data sheet



CLIENTS	DuPont Inc. Korea		Remark
Model	NEW ELODE-1500S, 1.5meter Belt Width		Main Process machine
Running Start	November, 2013		
Operating term	3.2 years		
Site Location	Ulsan. Korea		
Sort of Sludge	High Organic Chemical Sludge		
Sludge Characteristic	Very difficult high organic sludge		Impossible at existing ELODE
1 st Machine & Input DS%	Beltpress 88%wt ±2%		
Daily Throughput	700kg x 5hours = 3.5ton		
Result of Before & After	Before (88%wt)	After (64%wt)	2.34tonx300days=702ton reduced. x\$150 = Yearly U\$105,300 SAVED
	3.5ton/day	1.16ton	
	Reduced 66.85%	Daily 2.34ton Reduced	
Refer-Photos			
Electric Consumption	Average : 120~140kWh		
Electric-Consumption vs Dehydrated	Dewatering discharged/hr : 468liter, Max 140kW = 0.299kWh		Old ELODE was 0.65kW/liter
Others Feature	NEW UP-GRADED ELODE Guaranteed: +50% Electric consumption saved, Main drum 3 years guarantee, Belt 1year guarantee, High Organic sludge is available		

CLIENTS	SONGWON INDUSTRIES. Korea		Remark
Model	NEW ELODE-3000S, 3.0meter Belt Width		Main Process Machine
Running Start	December 2013		
Operating term	3.1years		
Site Location	Ulsan city. KOREA		
Sort of Sludge	High Organic Sludge		
Sludge Characteristic	Non-Dewaterable sludge with high conductivity of 15,000 μ s.		impossible at existing ELODE
1 st Machine & Input DS%	Multiple discs Press 83%wt \pm 3%		
일일 처리량 / Daily Throughput	1000kg x 20hours = 20ton		
ELODE 후 감량을 및 결과 Result of Before & After	Before (83%wt)	After (65wt)	10.3tonx300days=3,090ton reduced x\$170 = Yearly U\$525,300 SAVED
	20ton/day	9.7ton	
	Reduced 51.5%	Daily 10.3ton Reduced	
참고사진 Refer-Photos			
Electric Consumption	Average : 80kW~120kWh		
Electric-Consumption vs Dehydrated	Dewatering discharged/hr : 515liter, Max 120kW = 0.27kWh		Old ELODE was 0.68kW/liter
Others Feature	NEW UP-GRADED ELODE is lower the electricity consumption for higher the conductivity without spark or belt melting, always Guaranteed: +50% Electric consumption saved, Main drum 3 years guarantee, Belt 1year guarantee, High Organic sludge is available		

CLIENTS	EXPORT TO JAPAN		Remark
Model	NEW ELODE-050W, 0.5meter Belt Width		PILOT Machine
Running Start	March, 2014		
Operating term	2.9 years		
Site Location	Japan night soil Treatment Plant		
Sort of Sludge	Organic Municipal Sludge		
Sludge Characteristic	90% high organic Night Soil, 10% city sludge		
1 st Machine & Input DS%	DECANTER 80%wt ±5%		
Daily Throughput	200kg/hr x 12 hours = 2.4ton		
Result of Before & After	Before (80%wt)	After (57%wt)	1.24tonx300days=372ton reduced x\$?? = Yearly U\$?? SAVED
	2.4 ton/day	1.16ton	
	Reduced 53.48%	Daily 1.24ton Reduced	
참고사진 Refer-Photos			
Electric Consumption	Average : 40kW~60kWh		
Electric-Consumption vs Dehydrated	Dewatering discharged/hr : 103liter, Max 60kW = 0.58kWh		Old ELODE was 0.72kW/liter
Others	NEW UP-GRADED ELODE Guaranteed: +50% Electric consumption saved, Main drum 3 years guarantee, Belt 1year guarantee, High Organic sludge is available		