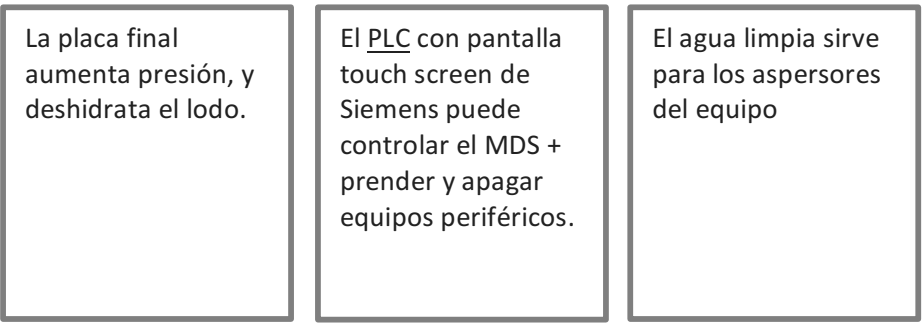
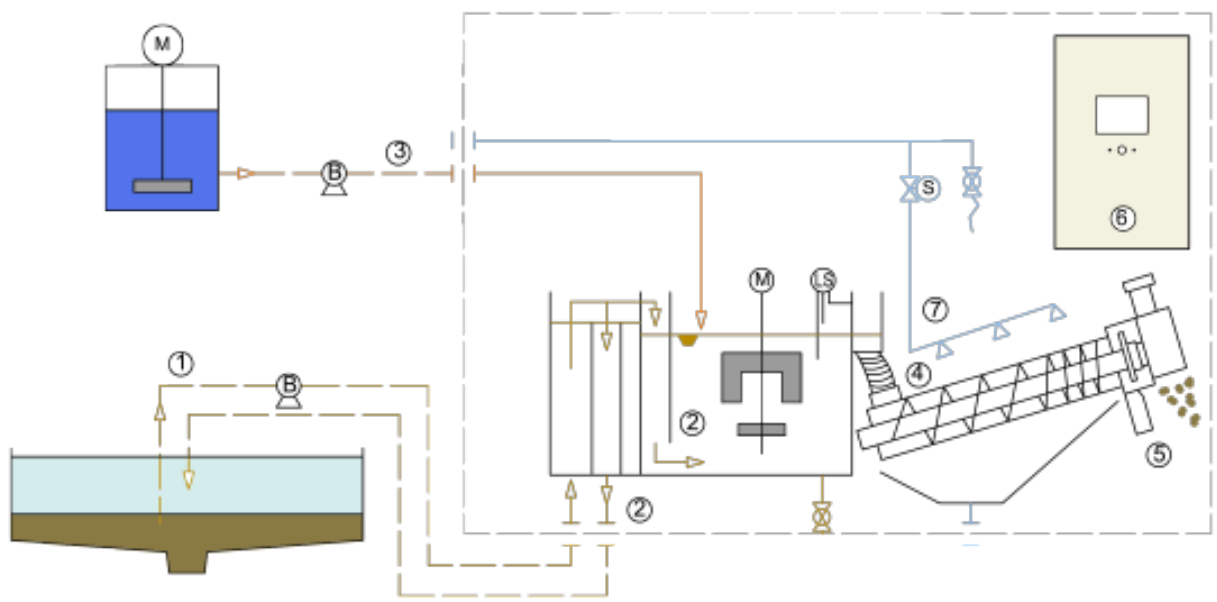
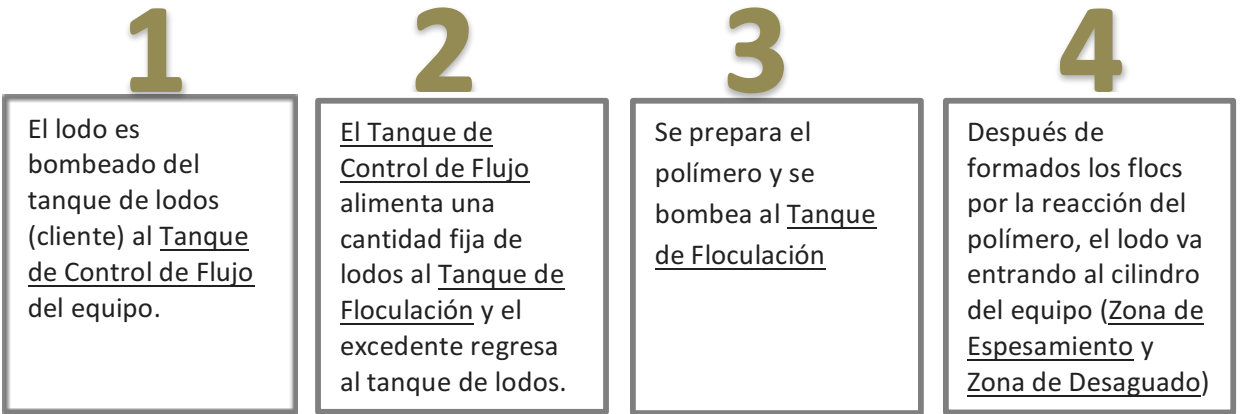


<b>ESPECIFICACIONES MDS-132</b>		
MODELO		MDS- 132
Agua Residual y Lodos Activados	0.20%	8 kg- DS/h (4 m <sup>3</sup> /h)
	1%	12 kg- DS/h (1.2 m <sup>3</sup> /h)
DAF	2%	20 kg- DS/h (1 m <sup>3</sup> /h)
	5%	40 kg- DS/h (0.8 m <sup>3</sup> /h)
Lodos crudos Mixt	3%	52 kg- DS/h (1.73 m <sup>3</sup> /h)
Dimensiones		L 1939×W 886×H 980 [mm]
Consumo de energía		0.30 [kW]
Power supply		Power 3φ 440V/60Hz
Peso	Vacío	275 kgs.
	Operación	400 kgs.
Consumo de agua		48 LPH
Presión del agua		0.1Mpa~ 0.2Mpa (No need High Pressure washing device)
Material del equipo		SUS 304
Multi-Disk Screw Main Body	Spec	φ130×1100 [mm]
	Qty	2
Material		<b>Thickening part: SUS304</b> Fixed rings Inner Ø112mm±0.05mm, thickness 1.49mm±0.01mm, Movingg rings Inner Ø106mm±0.05mm, thickness1.49mm±0.01mm, Inner edge beveling C0.7±0.2mm, SUS304, Bystronic laser cutting Spacer thickness 1.90mm±0.01mm, 1.85mm±0.01mm <b>Dewatering part: SUS304</b> Fixed rings Inner Ø112mm±0.05mm, thickness1.49mm±0.01mm, Movingg rings Inner Ø 106mm±0.05mm, thickness 1.49mm±0.01mm , Spacer thickness 1.7mm±0.01mm,SUS304, Bystronic laser cutting
Refacciones ①	Tornillo (s)	A las 10,000 horas de operación
	Anillos	A las 5,000 horas de operación
Screw shaft	Specs	Φ110×700[mm], screw pitch ±3mm, Blade ends beveling, Ends hardness above HRC70, SUS304.
Screw motor	Model	FS30N375-CNM010TWCTX (NISSEI)
	Specs	Water proof (IP65) CCC
	Power	0.10[kW]×2
Flocculation tank	Dimension	L 430×W 430×H550 [mm]
	Volume	≈66 [L]
	Material	SUS 304
Motor for mixer in flocculating tank	Brand	FS25N60-CNM010TWCTX (NISSEI)
	Specs	Water proof (IP65) CCC
	Power	0.10[kW]
Spray nozzle	Specs	3/8 solid cone sprayer, famous Chinese brand

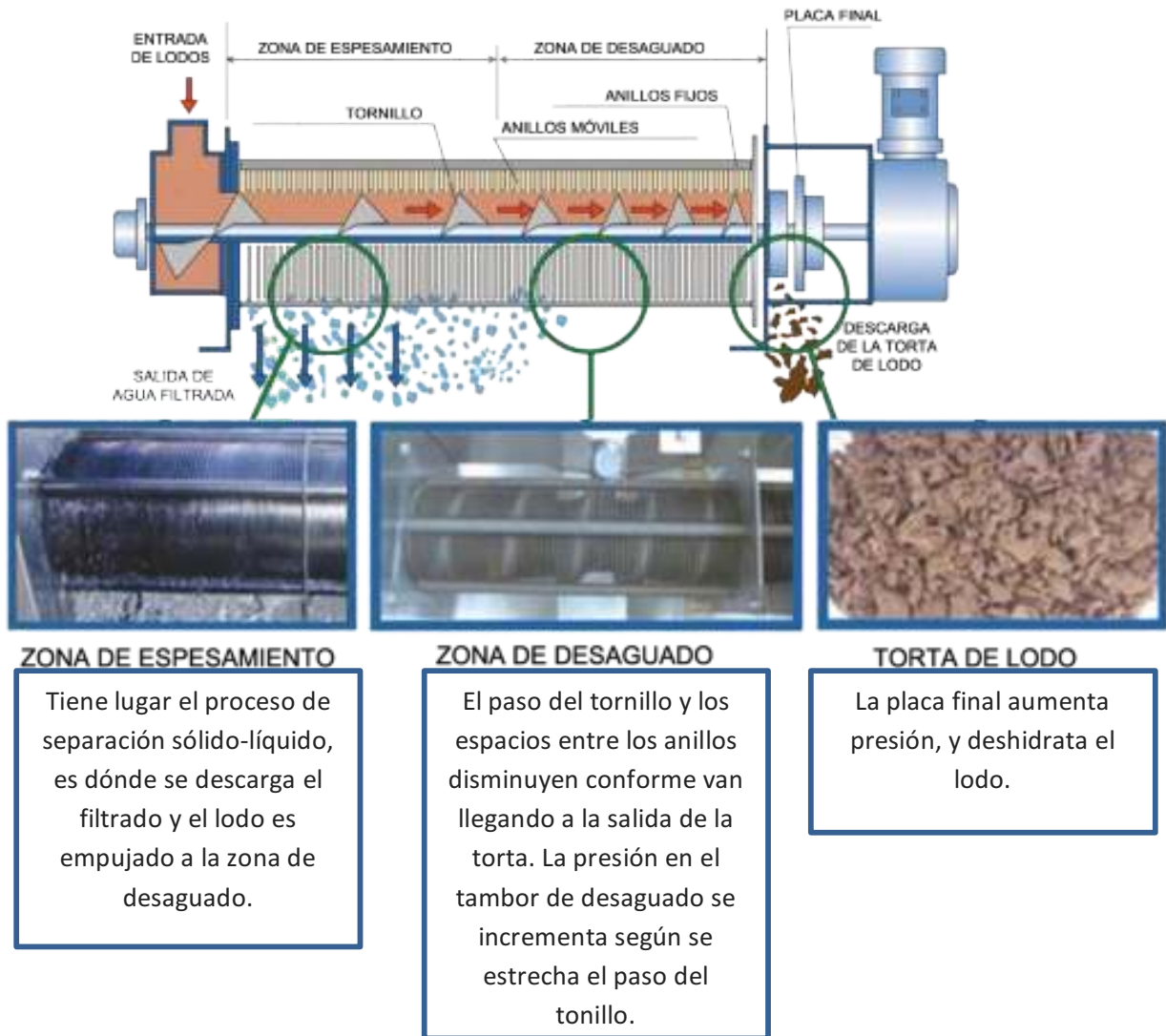
Pipe	Specs	1) UPVC <b>Shanghai Youli</b> , thick walled tube, Pressurization 1.6MP 2) Hose: <b>Ueno Chemical</b> 3) Tubes SS 304 Seamless tube
Solenoid valve	Model	SCXA238E004 ( <b>ASCO</b> , American brand)
	Dimension	20 A (3/4)
	Material	BC
Level Controller	Dimension	PS-3S
	Material	Main part: Resin Electrode: SUS304
Control Cabinet	Dimension	W 500×H 500×D 210 [mm] Brand: RITTAL (German) SIEMENS: Converter, PLC, air switch, relay, thermal relay, touch screen some SCHNEIDER: control transformer, intermediate & level meter relay, switch power OMRON: Level gauge CHINT: Transformer
Mantenimiento y limpieza		30 min/ day

① Tiempos calculados en base a una operación de 365 días al año 8 horas diarias

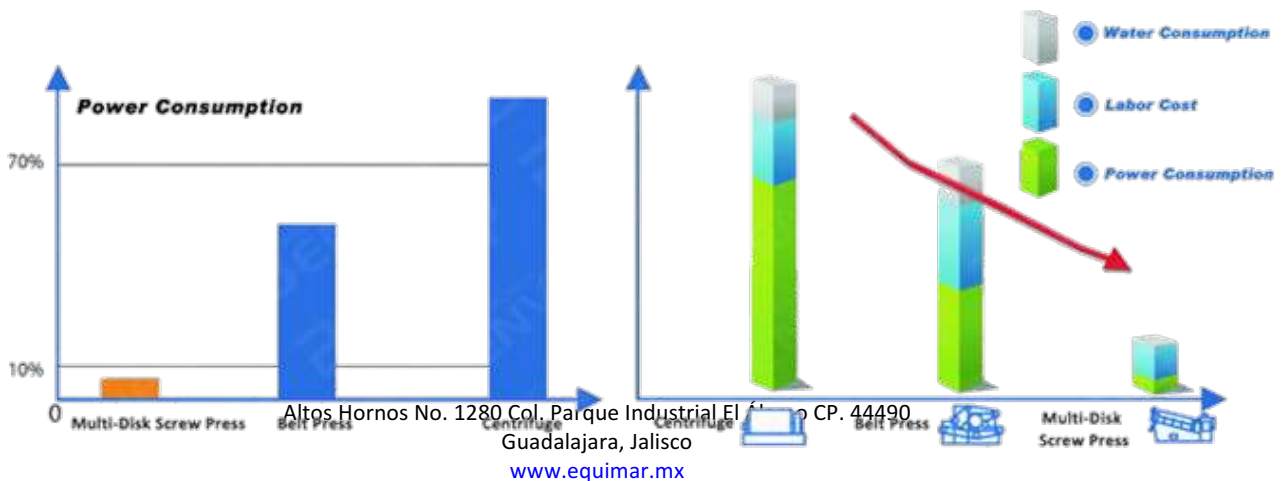
## Diagrama General del proceso



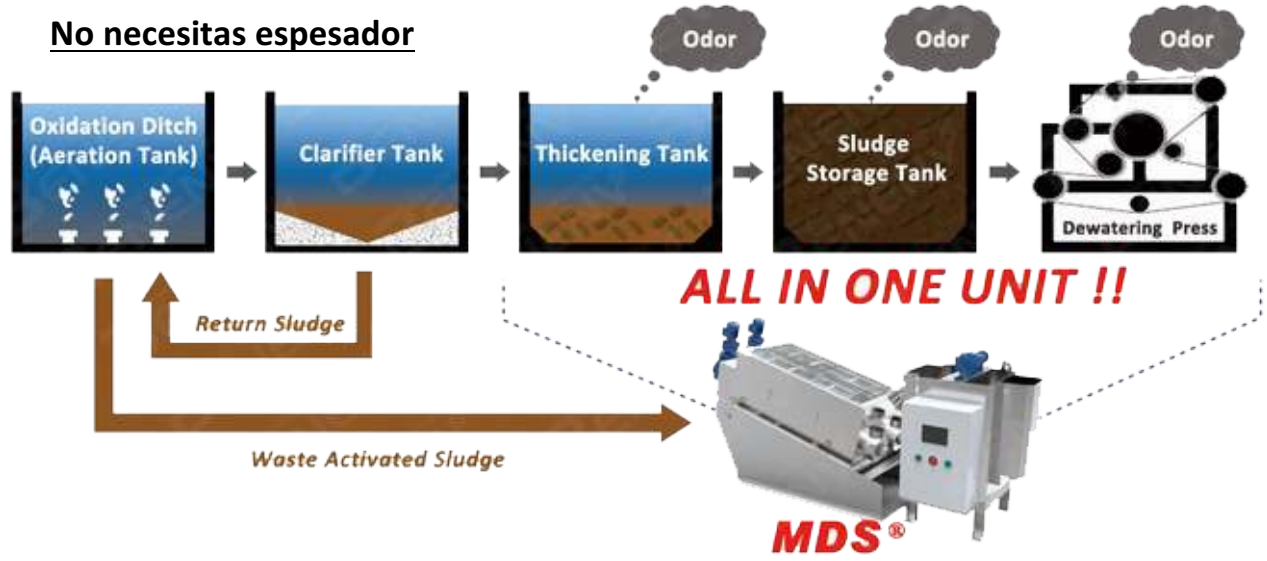
## Principio de Desaguado



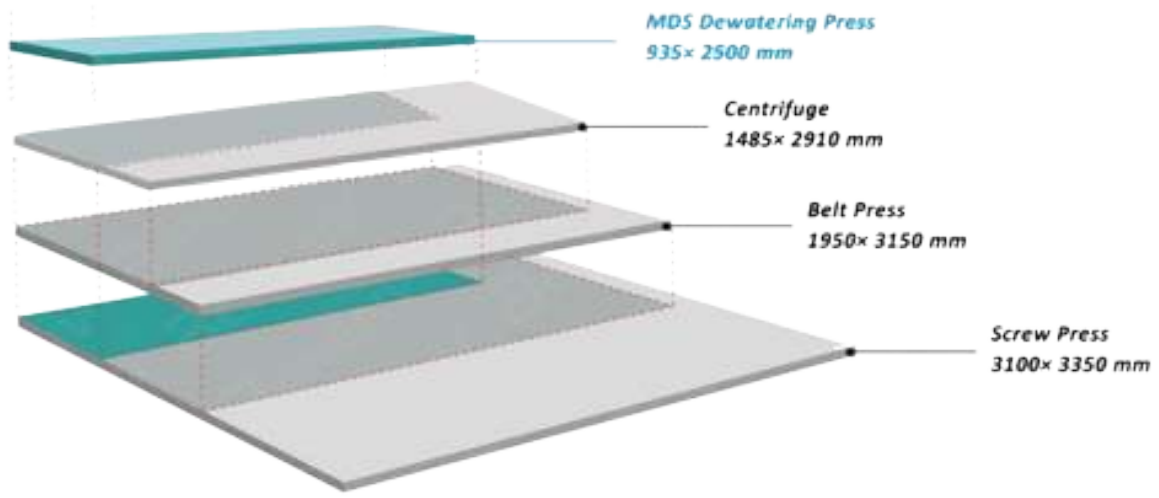
## Ahorra energía= Menor emisión de CO2



**No necesitas espesador**



**Diseño compacto**



**No se obstruye con lodos aceitosos**



**Comparativa con equipos con la misma finalidad**

Items	 Multi-Disk Screw Press	 Frame Filter Press	 Belt Press	 Centrifuge
Dewatering of Low Concentrated Sludge	✓	×	×	×
No need Thickener	✓	×	×	×
24-hour auto-matic operation	✓	×	×	×
Occupied Space 	▲	▲▲▲	▲▲▲	▲▲
Energy Consumption 	▲	▲▲▲	▲▲▲	▲▲▲▲
Labor Intensity 	▲	▲▲▲	▲▲	▲
Noise 	▲	▲▲▲	▲▲	▲▲▲▲
Maintenance 	▲	▲▲	▲▲▲	▲▲▲
Running Cost 	▲	▲▲▲	▲▲▲	▲▲▲▲