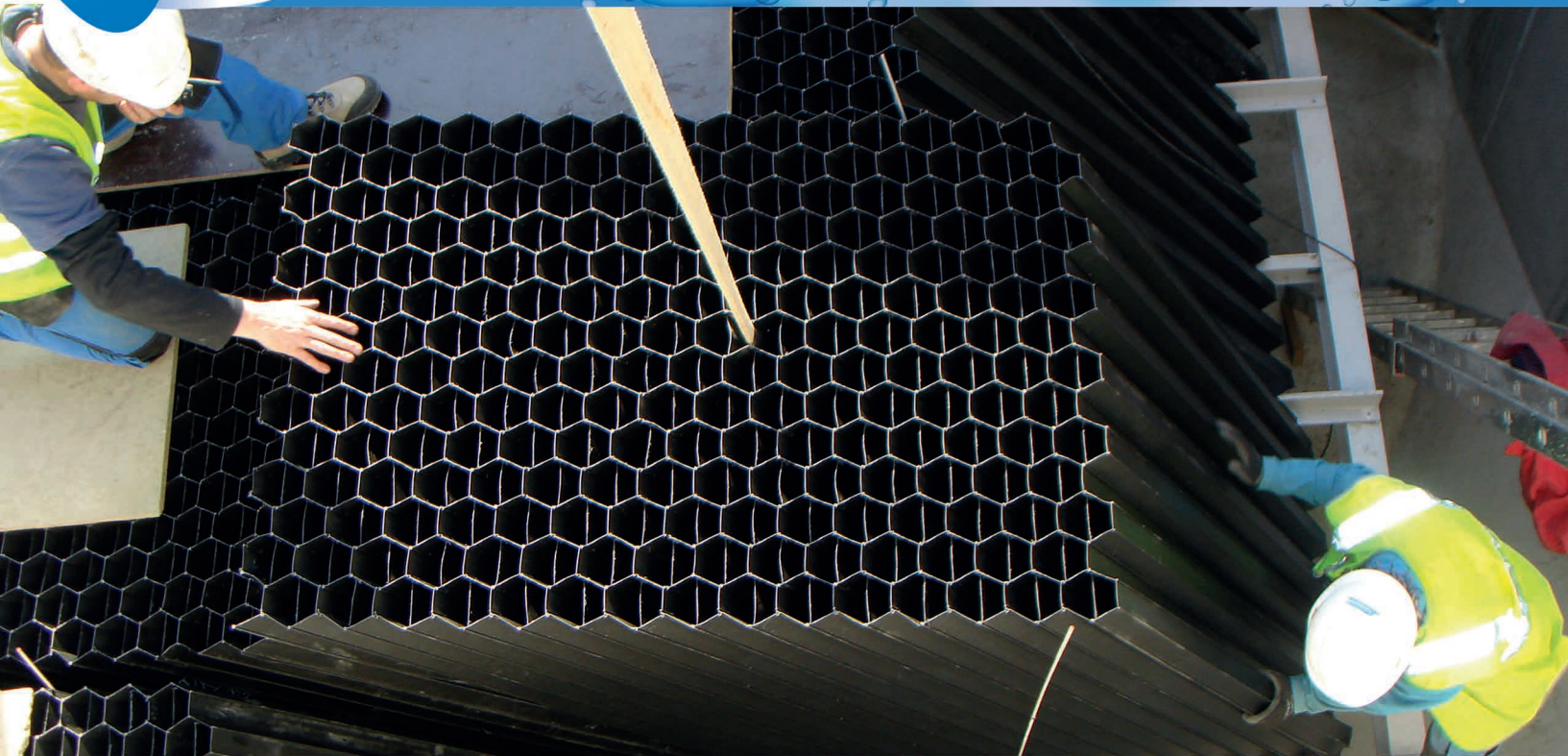


TECNOCONVERTING ENGINEERING
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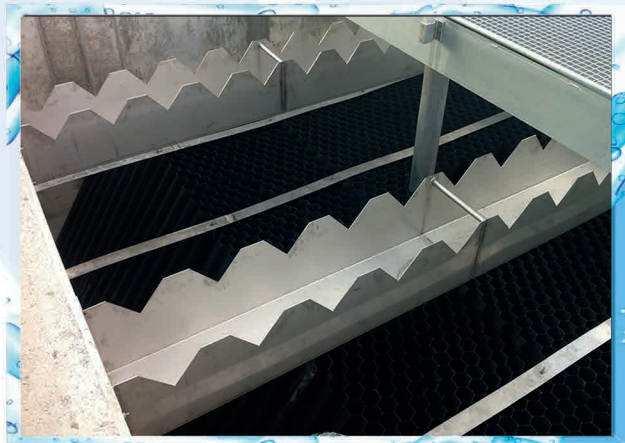
MÓDULOS LAMELARES

LAMELLAR MODULES

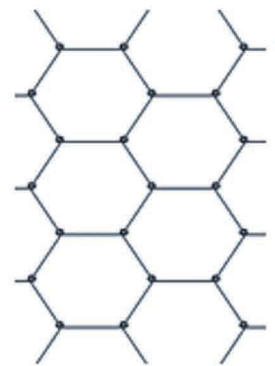


SPECIALISTS IN LAMELLAR SETTLING

- Mayor capacidad de separación de sólidos en suspensión
Greater capacity for separating suspended solids
- Mayor superficie por m^2
Greater surface per m^2
- Reducción de los costes de la obra civil
Reduced civil engineering costs
- Tecnología de ensamblaje TecnoTec
TecnoTec assembling technology
- Autoportantes
Self-supporting structure
- Certificado alimentario
Food hygiene certificate



- Clarificación ETAP's
Clarification in drinking water treatment plant
- Decantación primaria
Primary decanting
- Decantación secundaria
Secondary decanting
- Tratamiento terciario
Tertiary treatment
- Tanques de tormenta
Storm water detention tank Waste
- Depuración de aguas residuales
Waste water purification



TECNOTEC

Technical specifications

TecnoTec H40



AIMPLAS
INSTITUTO TECNOLÓGICO
DEL PLÁSTICO

Lamella type	TecnoTec H-40	
	PVC	PP
Material	PVC	PP
Geometry	Hexagonal	Hexagonal
Maximum operating temperature	55°C	80°C
Weight per m3 of lamella	90kg	65kg
Inclination	60° - 55°	60° - 55°
Hydraulic diameter	40 mm	40 mm
Specific/projected area at 60°	16.29 m ² /m ³	16.29 m ² /m ³
Specific/projected area at 55°	18.17 m ² /m ³	18.17 m ² /m ³
Distance between walls	42 mm ± 1 mm	42 mm ± 1 mm
Standard module height	1,000 mm	1,000 mm

Lamellar modules for particle settling

TecnoTec H60

Lamella type	TecnoTec H-60	
	PVC	PP
Material	PVC	PP
Geometry	Hexagonal	Hexagonal
Maximum operating temperature	55°C	80°C
Weight per m3 of lamella	70kg	50kg
Inclination	60° - 55°	60° - 55°
Hydraulic diameter	60 mm	60 mm
Specific/projected area at 60°	12.25 m ² /m ³	12.25 m ² /m ³
Specific/projected area at 55°	13.27 m ² /m ³	13.27 m ² /m ³
Distance between walls	62 mm ± 1 mm	62 mm ± 1 mm
Standard module height	1,000 mm	1,000 mm

Lamellar modules for particle settling

TecnoTec H80

Lamella type	TecnoTec H-80	
	PVC	PP
Material	PVC	PP
Geometry	Hexagonal	Hexagonal
Maximum operating temperature	55°C	80°C
Weight per m3 of lamella	50kg	35kg
Inclination	60° - 55°	60° - 55°
Hydraulic diameter	82 mm	82 mm
Specific/projected area at 60°	8.20 m ² /m ³	8.20 m ² /m ³
Specific/projected area at 55°	9.23 m ² /m ³	9.23 m ² /m ³
Distance between walls	82 mm ± 1 mm	82 mm ± 1 mm
Standard module height	1,000 mm	1,000 mm

Lamellar modules for particle settling



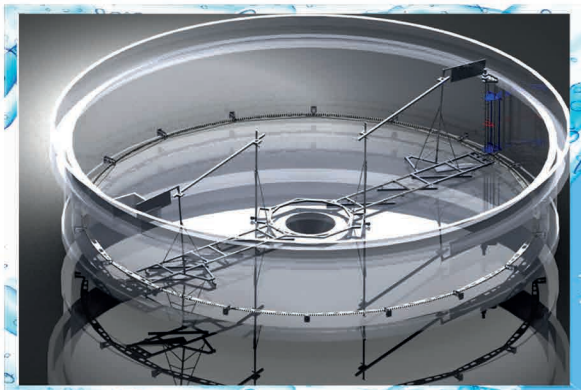
RASCADOR SCRAPER

El rascador Manowar es un sistema innovador y mejorado en comparación con el rascador circular de puente:

The Manowar scraper is an innovative and enhanced system in comparison with traditional circular bridge scrapers:



SPECIALISTS IN LAMELLAR SETTLING



- No existe puente superior
No upper bridge
- Eliminación total de flotantes
Complete removal of all floating particles
- Mayor extracción de lodos
Greater sludge extraction
- Posibilidad de incorporar módulos lamelares
Possibility to cover the clarifier entirely
- Posibilidad de cubrir totalmente el decantador
Possibility to cover the clarifier entirely
- Construido en acero inoxidable
Stainless steel construction
- Fácil transporte y montaje
Easy transport and assembly
- Sin corrosión
No corrosion

MANOWAR





RASCADOR CIRCULAR CIRCULAR SCRAPER



SPECIALISTS IN LAMELLAR SETTLING

• Construcción en acero inoxidable para prevenir la corrosión y mayor durabilidad.
Build in stainless steel for ensuring longer durability and preventing corrosion.

• Palas regulables en altura y en inclinación
Adjustable height and inclination of the arms

• Goma inferior de recogida en EPDM
EPDM dragging rubber

• Se adapta a las imperfecciones de la obra
Perfect adaptation to engineering imperfections

• Fácil Instalación
Easy installation

Equipamiento opcional
Optional equipment

• Limitadores de par
Torque limiter

• Cuadro eléctrico
Electric panel

• Variadores de frecuencia
Variable frequency drives

• Control telemático del equipo
Remote control device



TECNO CLASSIC



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RASCADOR/BARRELODOS SCRAPER/SLUDGE DRAGGER

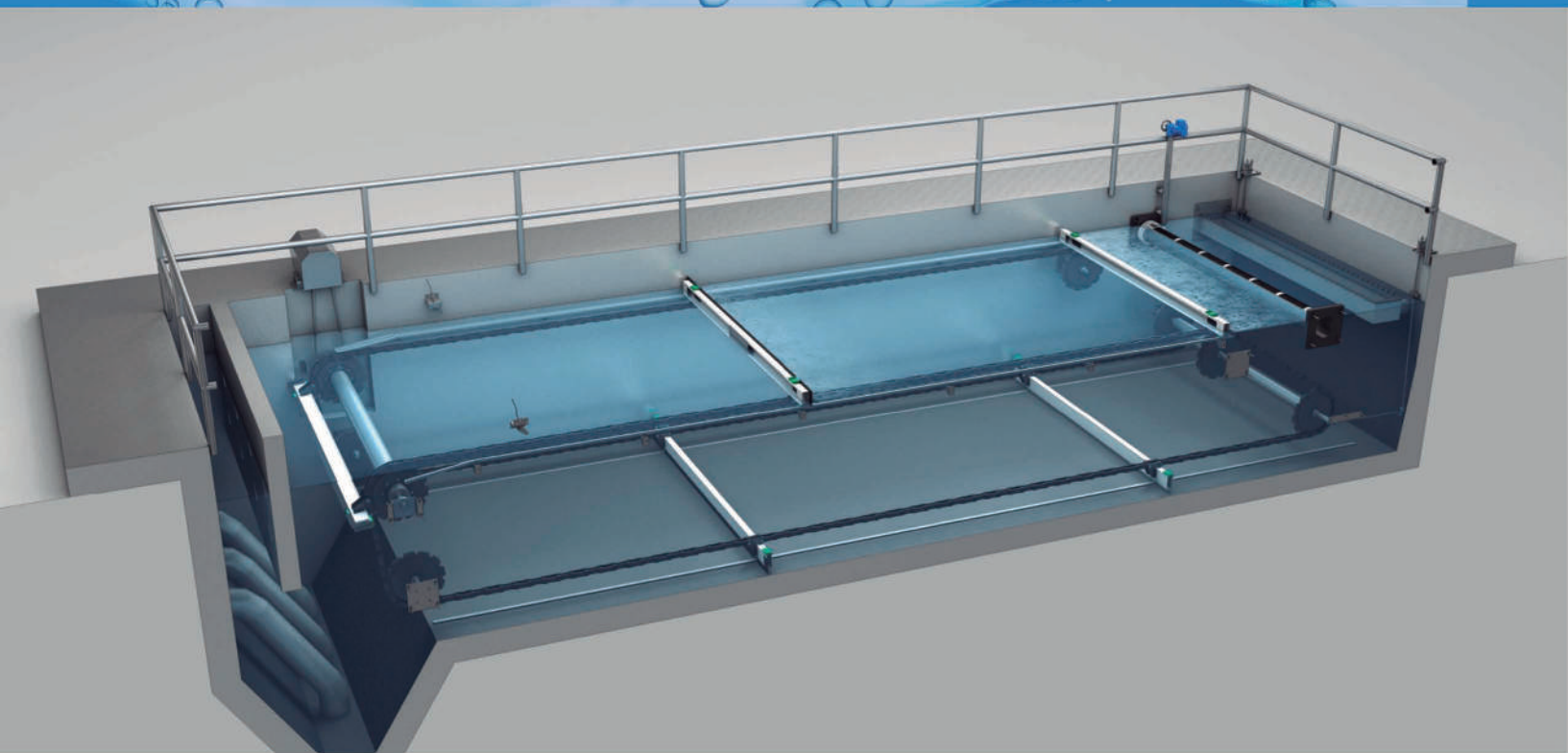


SPECIALISTS IN LAMELLAR SETTLING



- Rascadores / Barrelos rectangulares para la extracción de lodos y flotantes.
Rectangular scrapers / sludge dragger for sludge and floating particles removal.
- Equipos fabricados a medida para su perfecta adaptación
Perfectly adjustable custom-made equipment
- Alta capacidad de extracción de lodos y flotantes
Great extraction capacity for sludge and floating particles
- Bajo consumo eléctrico
Low energy consumption
- Fiable y sin mantenimiento
Reliability and no maintenance
- Totalmente fabricado en material termoplástico
Completely made of thermoplastic materials
- Sin corrosión
No corrosion
- Fácil instalación y transporte
Easy to install and transport

RECTANGULAR





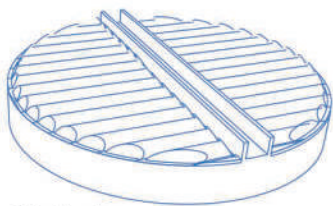
CUBIERTAS COVERS



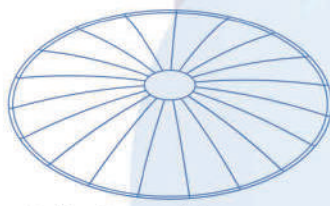
SPECIALISTS IN LAMELLAR SETTLING

CUBIERTAS EN PRFV FRP COVERS

Tipos de cubiertas/Types of covers



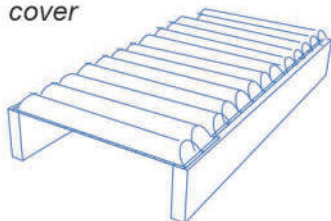
Cubierta
rectangular plana
*Flat rectangular
cover*



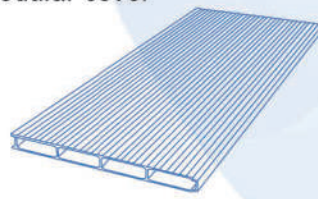
Cubierta modular
tipo cúpula
*Dome-shaped
modular cover*



Cubierta perfiles PRFV
pultrusión
*Pultrusion profiles
FRP cover*

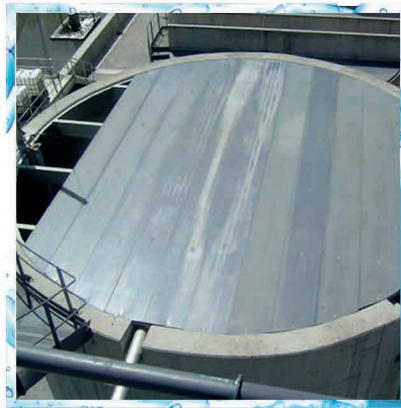


Cubierta circular
con soporte central
*Circular cover with central
supporting structure*



Cubierta rectangular
abovedada
*Dome-shaped
modular cover*

EN PRFV FRP



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Especialistas en decantación y lamelares, realizamos la ingeniería, el diseño a medida, la construcción y el montaje de la mejor solución técnica en decantación para nuestros clientes. TecnoConverting Engineering es la única empresa española especializada en decantación lamelar que cuenta con personal propio que realiza la totalidad de sus instalaciones, asegurando de esta manera la máxima calidad en sus proyectos.

As specialists in clarification and lamellar modules, we engineer, design, build and assemble the best technical settling solution for our clients.

TecnoConverting Engineering is the only Spanish company specializing in lamellar clarification whose own personnel carries out every single installation so as to ensure the highest quality in all their projects.



Calle Ensija, 20-22 - Pol. Ind. Sant Isidre II
08272 Sant Fruitós de Bages - BARCELONA
Tel. +34 93 878 67 34 . Fax. +34 93 878 67 35
info@tecnoconverting.com
www.tecnoconverting.com