



SIMEM

CONCRETE TECHNOLOGIES

GENERAL PRODUCTS CATALOGUE



MANTRAC

SIMEM CONCRETE SOLUTIONS

HIGH-QUALITY MIXERS, BATCH PLANTS, AND EQUIPMENT SOLUTIONS PROVIDED FOR THE GLOBAL CONCRETE CONSTRUCTION MARKETPLACE SINCE 1963.

CONCRETE SOLUTIONS TO BUILD A BETTER WORLD

SIMEM mixers, batch plants and equipment are designed, manufactured and supplied with quality in mind. Mantrac is proud to offer a full range of SIMEM equipment and plant solutions to our customers operating in the road construction, heavy civil construction, mining and industrial waste treatment industries and more.

We leverage the long-standing history of SIMEM products, recognised for their heavy-duty design and production performance, to bring you proven engineered solutions you can count on for future success.



MANTRAC... YOUR PARTNER IN ACTION

OUR MISSION AND VALUES REFLECT OUR DRIVE TO CONTINUE PROVIDING PROFITABLE AND DEPENDABLE SOLUTIONS FOR A CUSTOMERS.

MANTRAC IS MORE THAN A SUPPLIER, WE'RE A TOTAL SOLUTION PROVIDER

Mantrac has been an authorised Caterpillar® dealer for over 40 years, providing dependable solutions and services businesses across the globe. We continue to uphold the highest standards of quality and customer service, partnering with customers to implement integrated business solutions for increased profitability.

While focusing on specific customer needs, we offer customer value propositions that are integrated solutions. This builds lasting relationships with our customers, who recognise the quality and value of our products.

Operating in 12 countries across three continents, with onshore dealerships in Djibouti, Egypt, Ethiopia, Ghana, Iraq, Kenya, Liberia, Nigeria, Sierra Leone, Tanzania, Uganda, and in the Volga and Urals region of Russia and our offshore offices in the UK and China, we can provide the best possible tailored equipment packages for your needs.



MOBILE BATCHING AND MIXING PLANTS

Available in two versions with capacity from 25 to 50 m³ per hour, integrating the Simem Sun planetary mixer. Pre-wired electrical and pneumatic equipment.

Disponibile in due versioni con una capacità di 25 à 50 m³ par heure, malaxeur planétaire Simem Sun. Equipement électrique et pneumatique pré-câblé.

Disponibile en dos versiones con capacidad de 25 a 50 m³ por hora, con mezcladora planetaria SIMEM Sun. Todos los equipos eléctricos y neumáticos preinstalados.

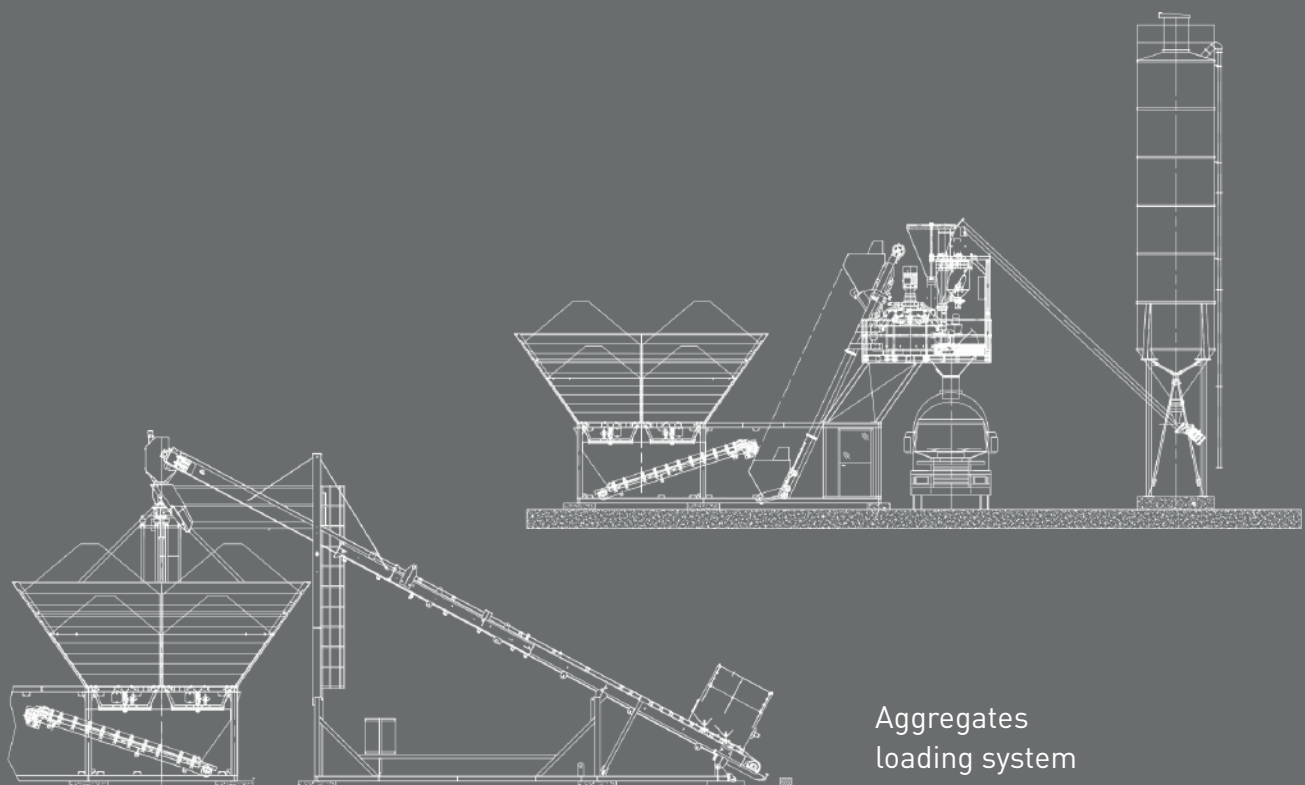


MODEL MOBY MIX		750	1500
Hourly rated capacity Débit de production Capacidad de producción	m ³ /h	25-30	45-50
Capacity per batch (compacted concrete) Capacité par cycle (béton compact) Capacidad por ciclo (hormigón compacto)	m ³	0,5	1
Aggregates bins Cases des agregates Compartimentos para áridos	n	4	4
Aggregate storage Capacité granulats Capacidad de almacenamiento áridos	m ³	16	40
Mixer Malaxeur Mezcladora	model	SUN 751	SUN 1501
Discharge height Hauteur de refoulement Altura de descarga	m	1,8	4,2
Cement silos Silos á ciment Sillod de cemento	n	up to 2	up to 4

OPTIONS: Housing, mobile cover, aggregates loading system

OPTIONS: Isolement, couverture mobile, système de chargement des agregates

OPCIONES: aislamiento térmico, coberturas móviles, sistema de carga para los áridos





SUPER TRANSPORTABLE PLANT

Semi mobile batching and mixing plant with 4 to 6 horizontal bins, transportable on standard trucks or containers. The production range is between 50-180 m³/h.

Centrale à béton semi mobile avec 4 ou 6 trémies horizontaux, transportables sur camions ou des conteneurs standard. La gamme de production est comprise entre 50-180 m³/h.

Central de hormigón por lote semi móvil con 4 a 6 tolvas de áridos, transportable sobre camión o contenedores estándar.

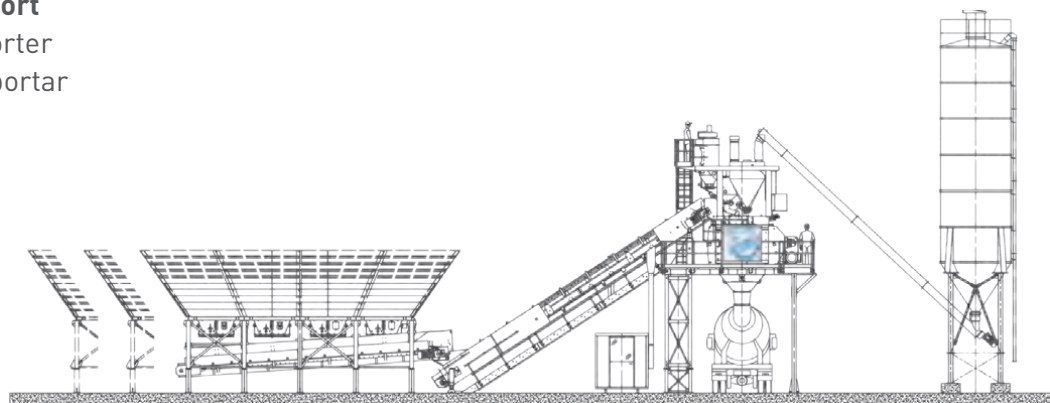


MODEL EAGLE		1500	2500	4000	5000	7000
Hourly rated capacity Débit de production Capacidad de producción	m ³ /h	50-55	70-80	90-100	130-135	160-180
Capacity per batch (compacted concrete) Capacité par cycle (béton compact) Capacidad por ciclo (hormigón compacto)	m ³	1	1,7	2,5	3,33	4,5
Aggregates bins Cases des agregates Compartimentos para áridos	n	4-6	4-6	4-6	4-6	4-5
Aggregate bins type Type des cases des agregates Tipos de compartimientos de áridos	m ³ eagle star eagle std eagle master	35-60 65-200 -	35-60 65-200 52-260	52-260 65-200 52-260	52-260 65-200 52-260	- - 52-260
Mixer Malaxeur Mezcladora	model	RHYNO 1502 SUN 1501	RHYNO 2502	RHYNO 4002	MSO 5001 RHYNO 5002	MSO 7001
Discharge height Hauteur de refoulement Altura de descarga	m	4,2	4,2	4,2	4,2	4,2
Cement silos Silos á ciment Silos de cemento	n	up to 4	up to 4	up to 4	up to 4	up to 4



Easy to transport

Facil à transporter
Facil de transportar





SUPER MOBILE PLANT

Extremely mobile plants with several innovative and patented features, with twin shaft mixer installed.

ARTIK Insulation up to 80 mm and heating for water and admixture.

Centrales extrêmement mobiles avec plusieurs de fonctionnalités innovantes et brevetées, et équipées avec malaxeur à double arbre.

ARTIK Isolation jusqu'à 80 mm et système de chauffage pour l'eau et les adjuvants.

Plantas extremadamente móviles con varias características innovadoras y patentadas, equipadas con mezclador de doble eje.

ARTIK Aislamiento de hasta 80 mm y calefacción para el agua y los aditivos.



MODEL MMX		5000	5000 Artik
Hourly rated capacity Débit de production Capacidad de producción	m ³ /h	130	130
Mixer capacity Capacité du malaxeur Capacidad de la mezcladora	m ³	3,33	3,33
Aggregate bins Trémies des agrégats Tolvas de aridos	n	4 to 6	4 to 6



THE TRAVELLING MIXING SOLUTION

Granted performance up to 500 Ton/h; perfect weighing accuracy for UNI EN 206-1 concrete quality; 4 hours installation time with hydraulic self erection system, no cranes required; driving on any road as standard trailer; minimal environmental impact and suitable to operate within any site restriction.

Une productivité allant jusqu'à 500 tonnes / h. Une pesée précise et parfaite pour la qualité du béton UNI EN 206-1. 4 heures d'installation avec système d'auto-montage hydraulique, pas de besoin de grue. Impact minimal sur l'environnement possibilité de circuler sur toutes les routes en et possibilité de fonctionner dans tous sites.

Rendimiento garantizado hasta 500 Ton/h; máxima precisión de pesaje, apta para producir hormigón de calidad UNI EN 206-1; Instalación en 4 horas gracias al sistema hidráulico, sin necesidad de gruas; puede circular sobre cualquier carretera como vehículo estandar; mínimo impacto sobre el medio ambiente, apto para obrar en los sitios mas restringidos.



		BISON 250	BISON 500
Hourly rated Capacity Débit de production - Capacidad de producción	ton/h	100-250	200-500
Aggregates units Trémies des aggregats - Almacen de agregados	n	1-5	1-5
Powder dosing system Dosage des poudres - Dosificacion de polvo	n	1-2	1-2
Emulsion device Système d'emulsion - Sistèma de emulsion	n	1	1
Mixer Melaxeur - Mezcladora	model	MDC 201	MDC 501
Discharge height Déchargement - Altura de descarga	m	4,2	4,2



TOWER BETON



HIGH PRODUCTION IN A CONFINED SPACE

SIMEM TOWER BETONS are the perfect solution for the industrial production of concrete, extremely versatile both in terms of overall dimensions as well as storage capacity and output.

SIMEM TOWER BETONS sont les outils idéaux pour la production industrielle de béton, extrêmement polyvalent à la fois en termes d'encombrement ainsi que la capacité de stockage et production.

SIMEM TOWER BETONS son la solución ideal para la producción industrial de hormigón, extremadamente versátiles en términos de tamaño, capacidad de almacenamiento y producción.



MODEL TOWER BETON	T75	T88
Dimensions (LxL) m Dimensions (LxL) m Dimensiones (LxL) m	7x5	8x8
Mixer Malaxeur Mezcladora	1	2
Aggregate storage m³ Capacità granulats Capacidad almacenamiento áridos	130:350	430:550
Aggregate compartments Nr. cases des agregates Compartimientos para áridos	4-6	6-10
Cement nr. Cemento Hormigón	1:4	1:6



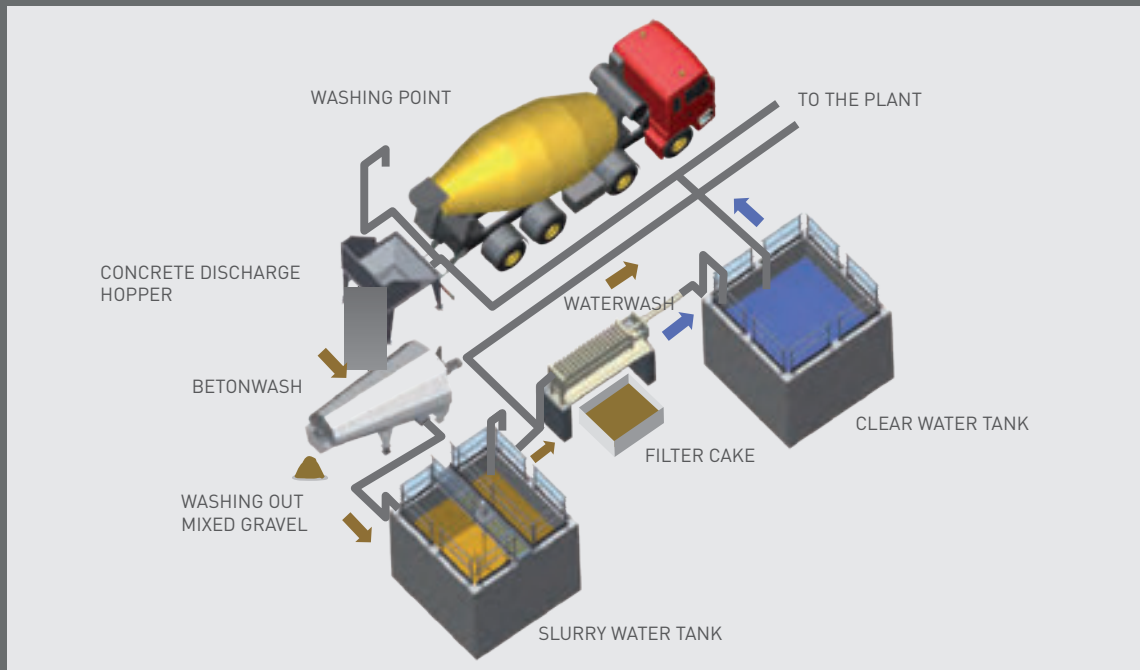
CONCRETE RECYCLING FOR RECLAMATION AND REUSE

BETONWASH & WATERWASH

For reclamation of excess concrete and slurry water.

Pour la recuperation de l'excès de béton et de l'eau de nettoyage.

Para recuperar el concreto descartado y el agua de lavado.



MODEL WATERWASH		WW 1.0	WW 2.0
Filtered slurry water Eau sale filtrée Capacidad de filtrado	m ³ /h	1,5	4,0

MODEL BETONWASH		BW 1.0 Basic	BW 2.0 Basic	BW 1.0 Ready2use	BW 2.0 Ready2use
Separation Séparation Separación	mm	0,15	0,15	0,15	0,15
Slurry water tank Réservoir d'eau Almacen del agua	m ³	33-100	33-100	15	15+15
Maximum wash out Capacité de lavage Capacidad de lavado	m ³ /h	10	25	10	25



THE INNOVATIVE DRY SOLUTION

Simem Zingo series offers a range of batching plants with an hourly capacity from 40 to 100 m³. Due to their modular design they offer a layout flexibility that other batching plants cannot achieve in terms of lay out and specifications.

Série Simem Zingo propose une gamme de centrales à béton d'une capacité horaire de 40 à 100 m³. En raison de leur conception modulaire, ils offrent une flexibilité que d'autres centrales à béton ne peuvent pas atteindre en termes des configurations et des spécifications.

La serie Zingo ofrece una gama de plantas de hormigón con una capacidad horaria entre 40 y 100 m³. Gracias a su diseño modular ofrecen una flexibilidad que otras plantas de hormigón no pueden lograr en terminos de configuracion y características.



MODEL ZINGO		PLUS	DOS	STAR	LINEAR	MASTER
Plant capacity Capacité de la centrale Capacidad de la planta	m ³ /h	40-50	60-70	60-70	90-100	100-110
Compacted output Débit de production Capacidad de producción	m ³ / cycle	8	8	2	3,5	4,5
Dosing system Système de dosage Sistema de dosificación		Semi automatic	Semi automatic	Automatic	Automatic	Automatic

MIXER RANGE



TWIN SHAFT MIXER, STRONG SINCE 1978

Le malaxeur à arbre, très résistant à partir du 1978

Mezcladora de doble eje, resistente desde 1978



AVAILABLE SIZES / m³ COMPACTED OUTPUT

3,33	3,5	4,0	4,5	6,0	8,0	9,0
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NEW REVOLUTIONARY TWIN SHAFT MIXER

Malaxeur révolutionnaire à double arbres

Nueva revolucionaria mezcladora de doble eje



AVAILABLE SIZES / m³ COMPACTED OUTPUT

1	1,7	2,5	3,3	4,5
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INNOVATIVE PLANETARY MIXER FOR HIGH STRENGTH CONCRETE

Malaxeur planétaire innovant pour béton à haute résistance

Innovadora mezcladora planetaria para hormigón de elevadas prestaciones



AVAILABLE SIZES / m³ COMPACTED OUTPUT

1,25	1,5	2,0	2,5	3,0
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PLANETARY MIXER FOR ALL PURPOSES

Malaxeur planétaire pour toutes applications

Mezcladora planetaria para todos los usos



AVAILABLE SIZES / m³ COMPACTED OUTPUT

0,3	0,5	1,0
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TWIN SHAFT MIXER FOR CONTINUOUS APPLICATION

Malaxeur à double arbres pour les applications en continu

Mezcladora de doble eje para aplicaciones en continuo



AVAILABLE SIZES / ton/h OUTPUT

80-250	200-600
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ACCESSORIES

FIBERCRETE

STEEL OR SYNTETIC FIBER DOSER
doseur de fibres d'acier ou syntétiques
dosificador de fibra de acero o sintética



AVAILABLE SIZES / kg/min	
Fibercrete 150	60-150 kg/min
Fibercrete 200	60-200 kg/min
Fibercrete 10 SYNTETIC	4-50 kg/min

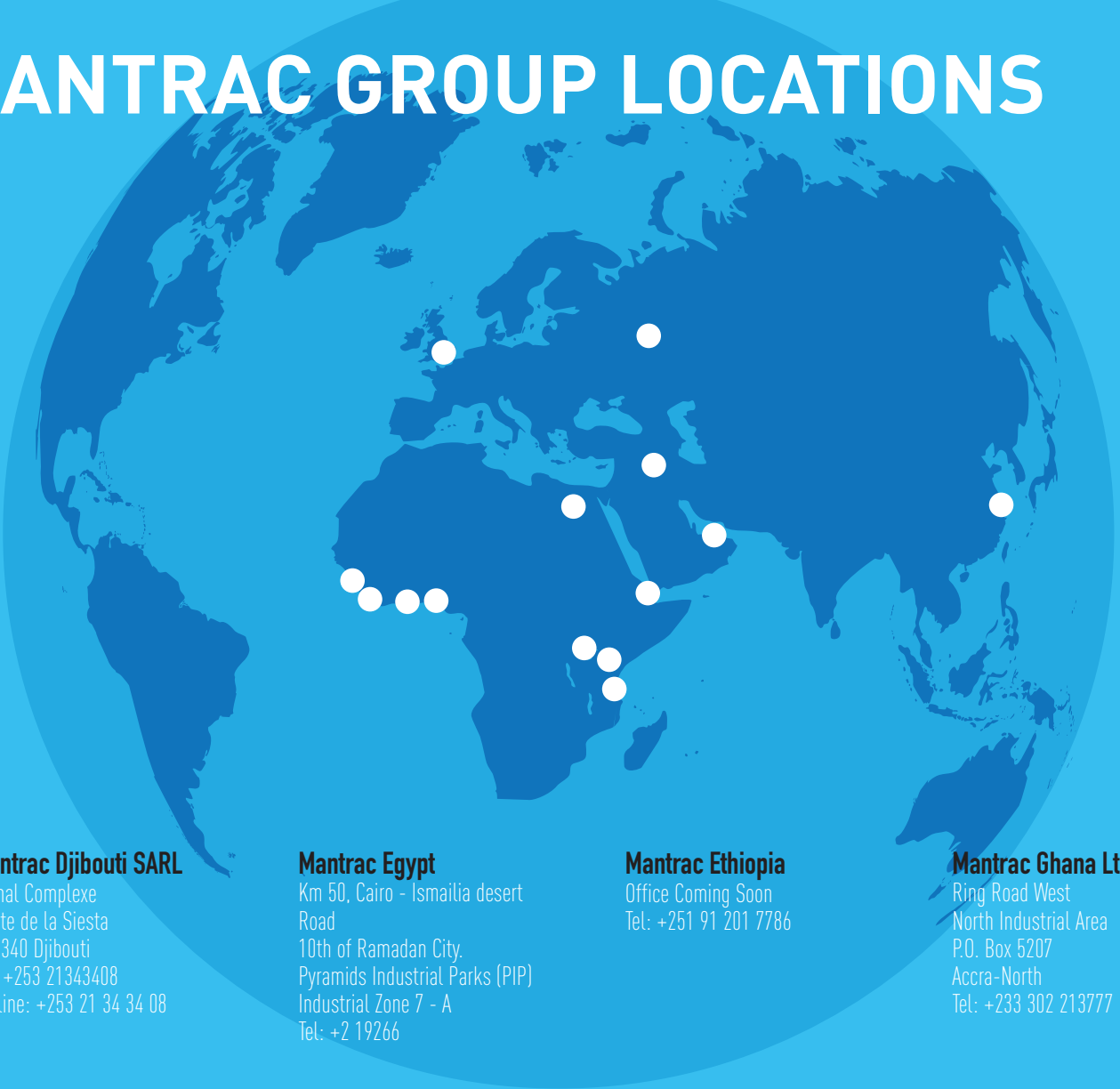
CHILLER

CHILLCRETE: AIR COOLED CHILLER
Chillcrete: Refroidisseur aéro-réfrigéré
Chillcrete: Enfriador de agua refrigerado por aire

MODEL	35	50	65	80	110	130	145	170	200	240
Waterflow capacity Capacité d'écoulement flujo de agua	3,5 m³/h	5 m³/h	6,5 m³/h	8 m³/h	11 m³/h	13 m³/h	14,5 m³/h	17 m³/h	20 m³/h	24 m³/h
Immissione acqua Arrivée de l'eau Entrada de agua	25° / 35°	25° / 35°	25° / 35°	25° / 35°	25° / 35°	25° / 35°	25° / 35°	25° / 35°	25° / 35°	25° / 35°
Emissione acqua Émission de l'eau Salida de agua	5°	5°	5°	5°	5°	5°	5°	5°	5°	5°



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