



SPECIALIST

Hydraulic tanks/reservoirs and accessories



brochure/catalogue

TANK

INDEX LIST BY CAPACITY

OIL TANKS RESERVOIRS

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Family company since 1937, we are a prime **manufacturer of hydraulic oil, diesel and combined tanks/reservoirs** for trucks, work trucks, commercial vehicles and machinery.

Our strong focus on R&D, innovation, technology and support to our customers is translated into action by the **Italian headquarters and subsidiary companies** in Switzerland, Germany and Chile: PADOAN GROUP.

We develop our products working side by side with our customers who mainly are **bodybuilders, OEMs and distribution networks** in more than 50 Countries worldwide.

The **Italian design and quality mark out our wide range of tanks that is divided in "N" (the standard and multipurpose line) and "X", tanks which are designed and customized according to the customer and application needs.**

Do not hesitate to contact us to reach your goals.

Our mission and vision can be expressed by our payoff: **WETANKYOU since 1937.**

We want to be a partner more than a supplier, working by your side and reaching your goals.

That is the reason why every day we ThANK people and companies who trust us as a partner to develop their projects and strategies.

At the same time we ThANK our team of more than 200 people worldwide who, for more than 80 years, provides quality and value we share with you.

www.padoan.us/documents/files/Padoan_NA_brochure.pdf



Standard and customized tanks

In this brochure Padoan presents the "N" tanks, the standard solutions available for our clients. Our R&D dept. is at your disposal to find the best solution to fit your needs with customized products.

Feel free to contact us at info@padoan.us.

Go to our online configurator to find the best solution for you



www.padoan.us/configurator

Go to the virtual showroom



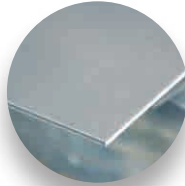
www.padoan.us/virtual-showroom

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Pictures and descriptions provided for our products are not to scale and are intended for illustrative purposes only.

Padoan is not responsible for any mistake or inaccuracy.

The Company reserves the right to change the technical features of the products without prior notice.



RAW MATERIAL USED IN AUTOMOTIVE FIELD

The material we use guarantees resistance, finishing, longer life expectancy and high-quality perception to create premium products.



AUTOMATIZED WELDING PROCESS

For several years, our welding process has been carried out by automatized robots, combined with the adoption of MIG/MAG technology. This allows a better internal cleaning avoiding the contamination normally caused by manual or standard welding.



PAINTING PROCESS WITH PRIMER TREATMENT

The primer painted steel tanks are finished with an epoxy powder varnish (from 110 to 180 μ) to guarantee the protection from aggressive agents and primer is also applied for further protection. Our primer painted steel tanks have passed salt spray tests lasting 500 hours.



RELIABILITY TEST WITH CRACK TESTING MACHINE

All of our tanks components, including brackets and straps, are tested with our cracking vibration machine to verify the life expectancy and quality of our products.



QUALITY TEST 1:1 WITH LEAK DETECTOR

Every tank is tested through an automatized machinery to verify any microscopic loss using helium technology. Every tank is marked with a label to indicate it has been tested and approved.



MULTIFITTINGS SIDE INSTALLATION KIT

Our brackets are designed with a multipurpose fixing holes solution that grants a wide range of mounting combination on different chassis.



STAINLESS STEEL STRAPS AND CRADLE MOUNTING KIT

The correct positioning of the tanks is fundamental to guarantee a lasting application. This is the reason why we only use stainless steel straps which are resistant to the weather conditions and to rusting, and cradle mounting kits which fasten the tank by reining it in and avoid damages due to vibrations.

EPDM PROTECTION

The particular design allows to protect hands and materials from the cutting edge. The EPDM is installed on straps and brackets. This specific material, compared to PVC, maintains its features in a wider range of temperature (-45°, +150°).



INTERNAL CLEANING

On request, an innovative work station is available for the internal flushing of our aluminium and stainless steel tanks.

This process is optional and represents an opportunity for companies who certify their equipment as, after this process, a declaration of conformity to the ISO16232 cleaning standards is issued by Padoan.



EXTERNAL CLEANING

We take care of the finishing of each tank. To emphasize the quality of processes and materials a manual cleaning is carried out by our team.



PRODUCT IDENTIFICATION WITH DISTINCTIVE LABEL

Each tank is identified through a serial number. This individual "identity card" allows the traceability through the whole production chain and simplifies the communication between the customer and the supplier, for any needs.



INSTRUCTIONS FOR ANY INSTALLATION KIT

All tanks and kits are supplied with instructions, to give the installers all the necessary key-points to save time and ease the assembly process. Instruction are available in four languages.



PROTECTIVE SHELLS AND HIGH RESISTANCE CARDBOARD

No additional costs for the high-quality protection guaranteed by shells tailored for each type of sidewall sizing and by the high resistance cardboard.



PROMPT DELIVERY

Quality and efficiency are part of our vision, managed also with a wide range of tanks and accessories to ensure a prompt delivery to our clients. Delivery terms are agreed with customer requirements.



hydraulic
tanks/reservoirs

Sealed metal cap is removable for optional filter installation



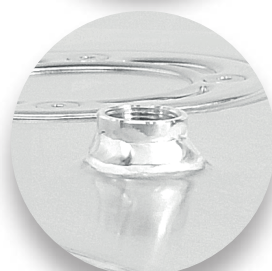
Metal air breather cap



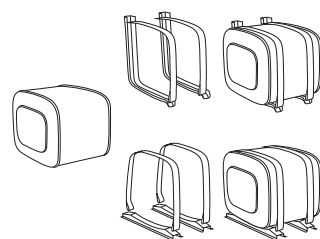
Sight temperature gauge



NPT drainage and oil suction connections



NPT breather vent/cap connection



Dual mounting kit
The same tank with saddle mount or upright installation just by changing the mounting kit

Dual



26/36 (sidewalls 10.2" H x 14.2" W)

Mounting kit available:

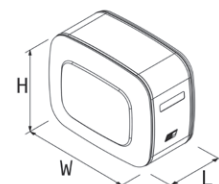
SADDLEMOUNT

Materials available:

A **F**
Aluminium Painted Steel
RAL 7021



Download tech. details



Product	[GAL]*	Features included	Filter Flange Code	Dimensions [in] Only tank L x H x W	Material	Product code NSOA= Aluminium NSOF = Primer Painted Steel	Mounting kit code SADDLEMOUNT	Mounting kit code UPRIGHT
26/36 MF	11	- Sight level indicator 3 [in] - Suction connection 1" 1/4 NPT	135	18.3 x 10.2 x 14.2	A	-0040046US00	AKMISLT263640N0	
	13			22.3 x 10.2 x 14.2	A	-0050056US00		
	8		135	14.4 x 10.2 x 14.2	F	-0030036US00	Included (welded)	/
	11			18.3 x 10.2 x 14.2	F	-0040046US00		
	13			22.3 x 10.2 x 14.2	F	-0050056US00		

* Full tank capacity - Scan the qr code for level indicator capacity and technical features

Product images are for illustrative purposes only and might be different according to the actual product, accessories and mounting kit version



36/26 (sidewalls 14.2" H x 10.2" W)

Mounting kit available:

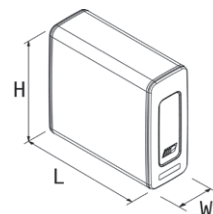
UPRIGHT

Materials available:

F
Painted Steel
RAL 7021



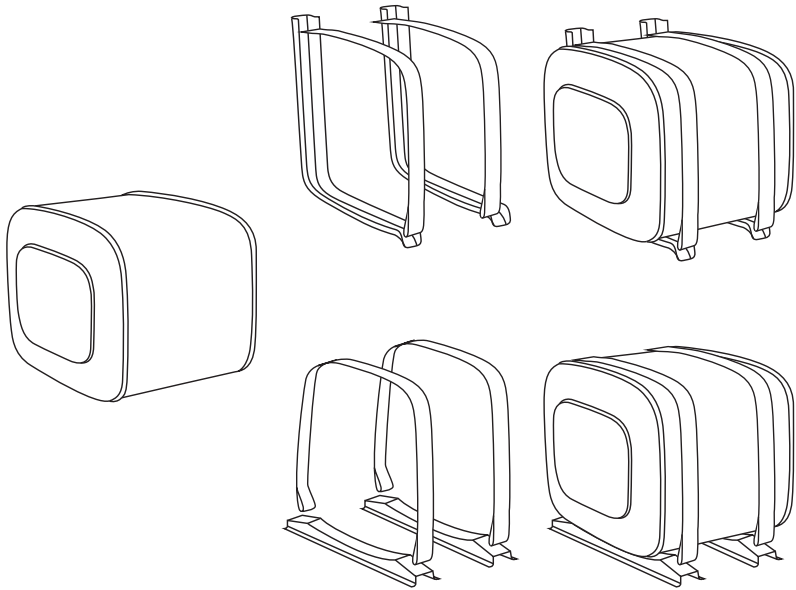
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Product	[GAL]*	Features included	Filter Flange Code	Dimensions [in] Only tank L x H x W	Material	Product code NSOA= Aluminium NSOF = Primer Painted Steel	Mounting kit code SADDLEMOUNT	Mounting kit code UPRIGHT
36/26 MF	8	- Sight level indicator 3 [in] - Suction connection 1" 1/4 NPT	135	14.4 x 14.2 x 10.2	F	-0030036US01	/	Included (welded)
	11			18.3 x 14.2 x 10.2	F	-0040046US01		
	13			22.3 x 14.2 x 10.2	F	-0050056US01		

* Full tank capacity - Scan the qr code for level indicator capacity and technical features

Dual **Dual mounting kit**
The same tank with saddlemount or upright installation just by changing the mounting kit

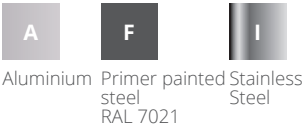


44/54 (sidewalls 17.6" H x 21.5" W)

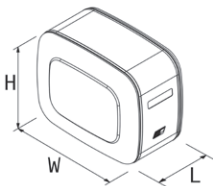
Mounting kit available:



Materials available:



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Product	[GAL]*	Features included	Filter Flange Code	Dimensions [in] Only tank L x H x W	Material	Product code NSOA= Aluminium NSOF = Primer Painted Steel NSOI = Stainless steel	Mounting kit code SADDLEMOUNT	Mounting kit code UPRIGHT
44/54 DUAL	18	- Sight level indicator 5 [in] - Suction connection 1" 1/2 NPT - Return connection 1" 1/4 NPT - Drainage 3/4" NPT	135	13.8 x 17.6 x 21.5	A / F / I	-0070035US00	AKMISLT44544000	AKMISRC04405404

* Full tank capacity - Scan the qr code for level indicator capacity and technical features



50/64 (sidewalls 20" H x 25.1" W)

Mounting kit available:



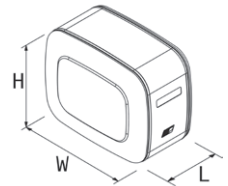
Materials available:



Dual



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Product	[GAL]*	Features included	Filter Flange Code	Dimensions [in] Only tank L x H x W	Material	Product code NSOA= Aluminium NSOF = Primer Painted Steel NSOI = Stainless steel	Mounting kit code SADDLEMOUNT	Mounting kit code UPRIGHT
50/64 DUAL	28	- Sight level indicator 5 [in] - Suction connection 1" 1/2 NPT	135	15.7 x 20 x 25.1	A / F / I	-0100040US00	AKMISLT50645000	AKMISRC05006405
	32	- Return connection 1" 1/4 NPT		17.7 x 20 x 25.1		-0120045US00		
	40	- Drainage 3/4" NPT		21.6 x 20 x 25.1		-0150055US00		

* Full tank capacity - Scan the qr code for level indicator capacity and technical features

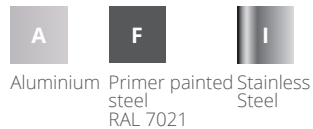


63/70 (sidewalls 25.1" H x 27.9" W)

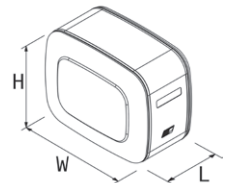
Mounting kit available:



Materials available:



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Product	[GAL]*	Features included	Filter Flange Code	Dimensions [in] Only tank L x H x W	Material	Product code NSOA= Aluminium NSOF = Primer Painted Steel NSOI = Stainless steel	Mounting kit code SADDLEMOUNT	Mounting kit code UPRIGHT
63/70 DUAL	35	- Sight level indicator 5 [in] - Suction connection 1" 1/2 NPT	135	13.7 x 25.1 x 27.9	A / F	-0135035US00	AKMISLT06307005	AKMISRC06307005
	51	- Return connection 1" 1/4 NPT		19.7 x 25.1 x 27.9	A / F / I	-0200050US00		
	66	- Drainage 3/4" NPT	195	23.6 x 25.1 x 27.9	A / I	-0250060US00		
	80	- Sight level indicator 5 [in] - Suction connection 2" NPT - Return connection 1" 1/4 NPT - Breather vent connection 3/4" NPT		28.9 x 25.1 x 27.9	A / I	-0300073US00		
	106	- Sight level indicator 5 [in] - Suction connection 2" NPT - Return connection 2" NPT - Drainage 3/4" NPT - 2 x Breather vent connection 3/4" NPT		39.4 x 25.1 x 27.9	A / F / I	-0400100US00		

* Full tank capacity - Scan the qr code for level indicator capacity and technical features

oil tanks



TLINE 85/18 (sidewalls 33.5" H x 7.1" W)

Mounting kit available:



Materials available:

A

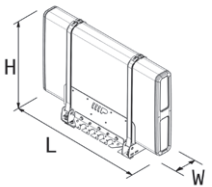
Aluminium

F

Primer painted steel
RAL 7021**



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Product	[GAL]*	Features included	Filter Flange Code	Dimensions [in] Only tank L x H x W	Material	Product code NSOA= Aluminium NSOF = Primer Painted Steel**	Mounting kit code SADDLEMOUNT	Mounting kit code UPRIGHT
TLINE 85/18	39	- Sight level indicator 5 [in] - 2 x Suction connection 1" 1/2 NPT	135	42 x 33.5 x 7.1	A / F**	-0150106US00	/	Shock absorber mounting kit included
	47.5	- Return connection 1" NPT on the sidewall - Air breather cap - Breather vent connection 1"		49.8 x 33.5 x 7.1		-0180126US00		
	52.8	- Breather vent (included in 47.5 and 52.8 [GAL] versions) - Lower suzie plate		55.7 x 33.5 x 7.1		-0200141US00		

* Full tank capacity - Scan the qr code for level indicator capacity and technical features ** Upon request



63/27 (sidewalls 25.1" H x 10.7" W)

Mounting kit available:



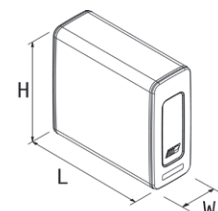
Materials available:



Aluminium Primer painted steel
RAL 7021



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Product	[GAL]*	Features included	Filter Flange Code	Dimensions [in] Only tank L x H x W	Material	Product code NSOA= Aluminium NSOF = Primer Painted Steel	Mounting kit code SADDLEMOUNT	Mounting kit code UPRIGHT
63/27	53	- Sight level indicator 5 [in] - Suction connection 2" NPT	2 x 135	49.7 x 25.1 x 10.7	A / F	-0200126US00	/	Included
	66	- Breather vent connection 3/4" NPT	195	61.5 x 25.1 x 10.7	A / F	-0250156US00		

* Full tank capacity - Scan the qr code for level indicator capacity and technical features



64/50 (sidewalls 25.1" H x 20" W)

Mounting kit available:



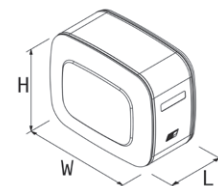
Materials available:



Aluminium Primer painted steel
RAL 7021



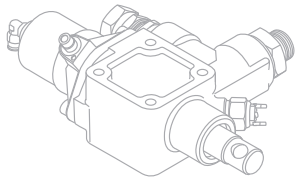
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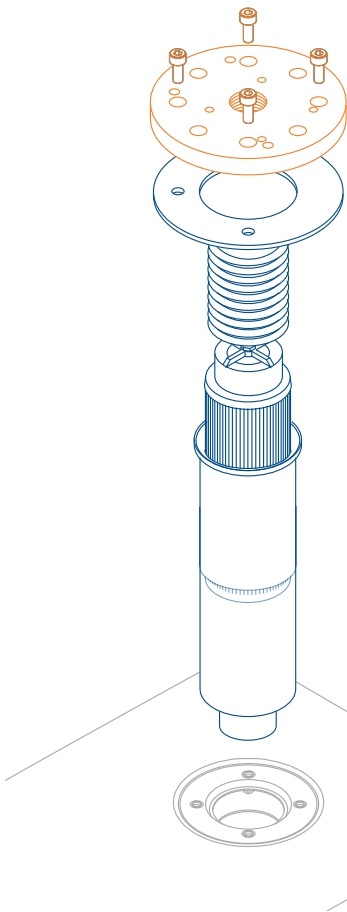
Product	[GAL]*	Features included	Filter Flange Code	Dimensions [in] Only tank L x H x W	Material	Product code NSOA= Aluminium NSOF = Primer Painted Steel	Mounting kit code SADDLEMOUNT	Mounting kit code UPRIGHT
64/50	75	- Sight level indicator 5 [in] - Suction connection 3" NPT	135	39.4 x 25.1 x 20	A / F	-0285100US00	/	Included
	100	- Breather vent connection 3/4" NPT - NPT adaptor for suction connection 3" to 2" NPT	2 x 135	51.2 x 25.1 x 20	A / F	-0375130US00		

* Full tank capacity - Scan the qr code for level indicator capacity and technical features

ACCESSORIES



Valve plate will be designed according to the tipping valve hole combination



Wide range of tipping valves (not included) compatible with Padoan Easy Kit

Screws for plate

* Aluminium tipping valve mounting plate with multiple hole combinations for different tipping valves

Foam rubber gasket

Spiral spring

Filter element

Filter bowl with o-ring seal

Easy kit is compatible with Padoan multi function (MF) filter flange only

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https://www.padoan.us/documents/files/Padoan_NA_Accessories_Easy_Kit.pdf

* Immersed Return Filters for Easy Kit



Filter Flange	Flow rate gpm - l/min	Filtration mesh µm	Product code	Spare part Cartridge
135	33 gpm - 125 l/min	21 µm microfibre	AFO0IMM090340F2	AFO0ELF205070F2

* Customized valve plates are available on request according to your tipping valve hole combination



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https://www.padoan.us/documents/files/Padoan_NA_OIL_Accessories.pdf
Air breather caps / Additional breather vent

	Products range	Description	Specifics	Product code	Spare part Cartridge
	26/36, 36/26, 44/54, 50/64, 63/70 and 64/50	Plastic air breather cap with air filter, fixing screws and antisplash	Height 1.6 [in] 10 µm paper cartridge	ATP0PLSCAR0LI20	AFA0CARCILT0P20
	TLINE 85/18 and 63/27	Plastic air breather cap with air filter, fixing screws and antisplash	Height 2.7 [in] 10 µm paper cartridge	ATP0PLSCAR0LI10	AFA0CARCILT0P10
	26/36, 36/26, 44/54, 50/64, 63/70 and 64/50	Metal air breather cap with air filter and fixing screws	Height 2.4 [in] 10 µm polyurethane cartridge	ATP0CAR0LILCHFL	/
	63/70, 64/50 and 63/27	Additional breather vent 3/4" NPT	10 µm paper cartridge	AFA0CARATT07500	AFA0ELFAIR07500
	TLINE 85/18	Additional breather vent 1" (already included in 47,5 and 52.8 [GAL] versions)	3 µm paper cartridge	AFA0CARATT10000	AFA0ELFAIR10000

ACCESSORIES

Semi-immersed Return filter

For all tanks with filter flange 135, excluded 26/36 and 36/26.



Filter Flange	Flow rate l (gpm) /min	Filtration mesh µm	Inlet connection	Product code	Spare part Cartridge
135	39 gpm - 150 l/min	10 µm microfibre	1" 1/4 NPT	AFO0SEM137125F1	AFO0ELF205070F1
	53 gpm - 200 l/min	21 µm microfibre	1" 1/4 NPT	AFO0SEM137125F2	AFO0ELF205070F2
	66 gpm - 250 l/min	60 µm microfibre	1" 1/4 NPT	AFO0SEM137125RM	AFO0ELF205070RM

Only for 26/36 and 36/26 tanks.

135	33 gpm - 125 l/min	21 µm microfibre	1" NPT	AFO0SEM135101F2	AFO0ELF13007025
	39 gpm - 150 l/min	60 µm microfibre	1" NPT	AFO0SEM135101ST	AFO0ELF128070BF

For all tanks with filter flange 195.



Filter Flange	Flow rate l (gpm) /min	Filtration mesh µm	Inlet connection	Product code	Spare part Cartridge
195	53 gpm - 200 l/min	10 µm microfibre	1" 1/4 NPT	AFO0SEM196125F1	AFO0ELF211099F1
	66 gpm - 250 l/min	21 µm microfibre	1" 1/4 NPT	AFO0SEM196125F2	AFO0ELF211099F2
	79 gpm - 300 l/min	60 µm microfibre	1" 1/4 NPT	AFO0SEM196125CL	AFO0ELF210100RM

Immersed Easy Filter (return filter) - Adjustable filter head with 360° rotation

For all tanks with filter flange 135, excluded 26/36, 36/26 and TLINE 85/18.



Filter Flange	Flow rate l (gpm) /min	Filtration mesh µm	Inlet connection	Product code	Spare part Cartridge
135	39 gpm - 150 l/min	10 µm microfibre	1" (NPT adaptor)	AFO0IMM134102F1	AFO0ELF205070F1
	48 gpm - 180 l/min	21 µm microfibre	1" (NPT adaptor)	AFO0IMM134102F2	AFO0ELF205070F2
	58 gpm - 220 l/min	60 µm microfibre	1" (NPT adaptor)	AFO0IMM134102ST	AFO0ELF205070RM

Only for 26/36 and 36/26 tanks.


135	26 gpm - 100 l/min	10 µm microfibre	1" (NPT adaptor)	AFO0IMM134103F1	AFO0ELF142070F1
	33 gpm - 125 l/min	21 µm microfibre	1" (NPT adaptor)	AFO0IMM134103F2	AFO0ELF142070F2
	39 gpm - 150 l/min	60 µm microfibre	1" (NPT adaptor)	AFO0IMM134103ST	AFO0ELF142070RM

In-line filters




Flow rate l (gpm) /min	Filtration mesh µm	Inlet connection	Product code	Spare part Cartridge
39 gpm - 150 l/min	25 µm microfibre	1" NPT	AFO0LNN000100F2	AFO0ELF177096F2
60 gpm - 230 l/min	60 µm wire mesh	1" 1/4 NPT	AFO0LNN000100RM	AFO0ELF177096RM
45 gpm - 170 l/min	25 µm microfibre	1" NPT	AFO0LNN000125F2	AFO0ELF177096RM
71 gpm - 270 l/min	60 µm wire mesh	1" 1/4 NPT	AFO0LNN000125RM	AFO0ELF177096RM

Aluminum cover for 135 flange only with 1" NPT non-filtered return

	Products Range	Description	Specifics	Product Code
	Oil tanks	Non-filtered return	1" NPT return connection and pipe	ACFA1604FN10027

Filter's clogging visual indicator


	Products Range	Description	Specifics	Product Code
	Oil tanks	Clogging visual indicator	R 1/8" - EN 10226	AI10MPF195VSR42

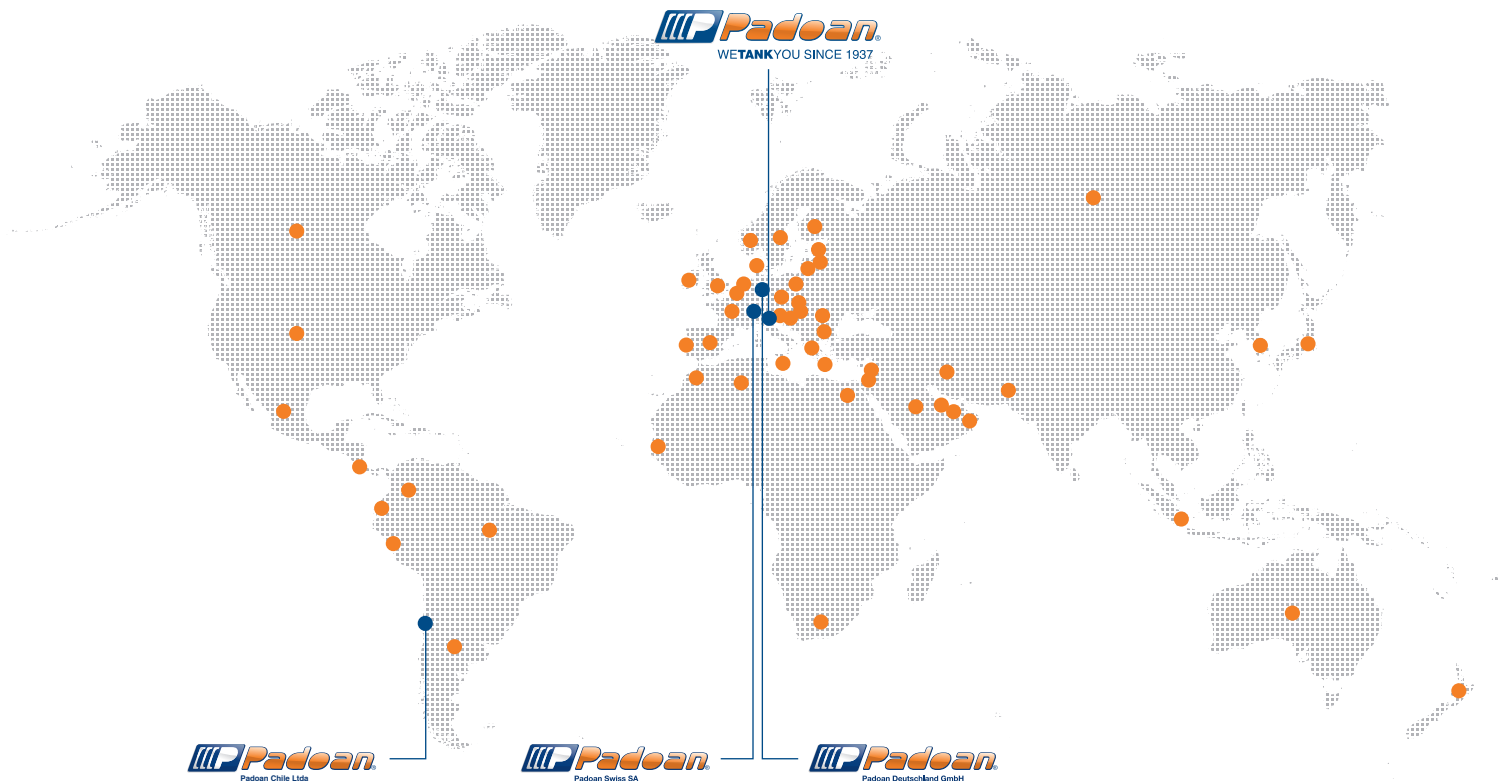
ONLY FOR TLINE 85/18

Spacer with multi-hole layout (chassis adapter)

	Products Range	Description	Specifics	Product Code
	Tline 85/18	Additional fixing kit	Painted steel spacer 3.19 [in] to increase the distance from the chassis. Multiple hole layout for different positions	AKMFRFT851800N0

Suzie plate

	Products Range	Description	Specifics	Product Code
	Tline 85/18	Upper suzie plate	Upper suzie plate fixing kit for cables (holes to be drilled according to installation requirements)	AKM0SPC851800N0



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in the world



Padoan Srl
Via Risorgive, 20
31048 Olmi di S. Biagio di Callalta (TV) - Italy
info@padoan.us - www.padoan.us



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