



PCM SPECIALISE IN THE SUPPLY OF TRANSPORT
AND HANDLING EQUIPMENT AND ARE THE LEADING
IMPORTERS AND STOCKISTS OF PREMIUM LORRY
LOADER CRANE ATTACHMENTS AND ACCESSORIES.

Ritespec500

TIZMAR
UK

Ferrari
International

ALLMI

Padoan
WE TANK YOU SINCE 1907

EMILIANA
SERBATOI



OUR SERVICES

PCM was established in 1970, to meet a requirement within the transport industry for the supply of commercial vehicle hydraulic equipment, related products and services.

We now stock a huge range of hydraulic oil tanks and crane attachments; grab buckets, brick grapples, rotators, hose reels, coolers, together with crane stabiliser pads, pad stowage boxes and crane mounting kits. The PCM team are focused on the development, expansion and improvement of these ranges for our customers.

FITTING SERVICE

We can offer a supply and fit service through our dealer network so please speak to our sales team for further information on our “on-site” services.

WAREHOUSE AND TRADE COUNTER

PCM Transport and Handling operate a warehouse and trade counter with direct access to our full range of equipment , products and services.

AFTER-SALES SUPPORT, INFORMATION AND CUSTOMER FEEDBACK

PCM Transport and Handling are committed to supporting their customers and offer full after-sales and technical support and systems advice, provision of comprehensive fitting instructions and technical drawings and direct factory support.

Our team are available to offer technical assistance, application and product advice from Monday – Thursday 8.00am-5.30pm, Friday 8.00am-5.00pm.

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A large red clamshell bucket is shown in the center, with its two halves open. To the left, a smaller red clamshell bucket is shown in a closed position. In the bottom left corner, there is an inset image showing two more red clamshell buckets resting on wooden pallets. The background is a light gray gradient.

Ritespec500

MADE
IN
ITALY

CLAMSHELL BUCKET P

ROBUST DESIGN AND EFFICIENT HANDLING

The Ritespec 500 Clamshell Bucket is a premium quality attachment designed and built for PCM Handling, especially to suit the demands of the UK market , by one of Europe's leading attachment manufacturers.

The Ritespec 500 is intended primarily for use as an attachment for lorry loader cranes. It is designed to be used for re-handling of excavated materials and aggregate. It can be fitted with a number of options:

- > **Additional Bottom Cutting Edges** - can be fitted from new or used for refurbishment purposes
- > **Side Cutting Edges** - can be fitted from new or used for refurbishment purposes. Both cutting edge options come with nut and bolt kits included
- > **Quick Change Hooks** - with safety latches for the attachment of chains and slings
- > **High closing force**
- > **Reinforced bucket shells** to counter damage caused by large objects
- > **High tensile construction**
- > **Fully hardened pins and bushes throughout**
- > **Twist resistant**
- > **Dual compensator bars protected by heavy steel plate**

FOR LORRY LOADER CRANES

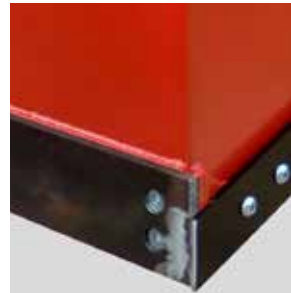
The PCM Quick Change hook is designed as an alternative to directly welded on hooks commonly used on lorry mounted re-handling grabs. The benefits of the method of attachment by a specified bolt / fixing kit includes the immediate availability of grabs with or without hooks from stock.

Hooks can easily be retrofitted and hooks can easily be removed.

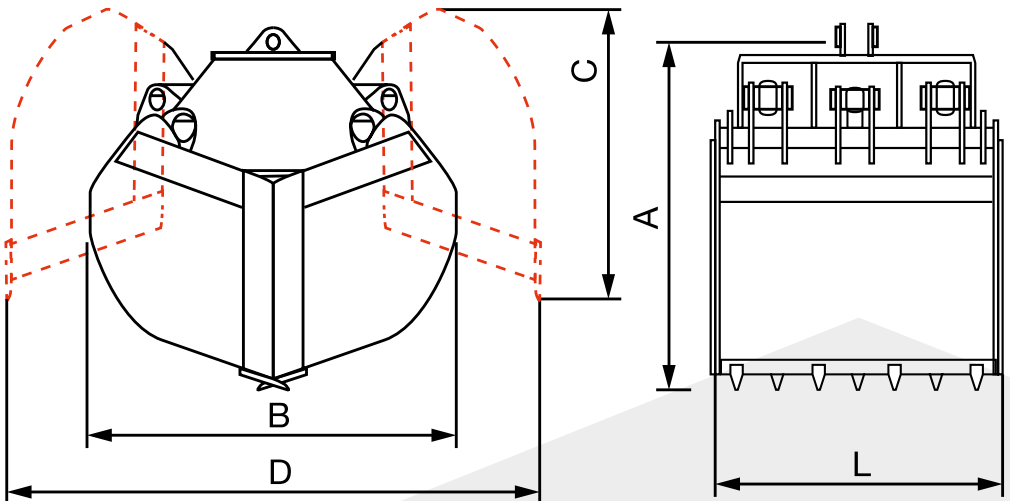
Damaged hooks can quickly and easily be replaced if damaged without the need for site or workshop welding or area re-painting

Buckets together with different fitting options are available from stock at our Northamptonshire Warehouse for next day delivery or immediate collection.

The RiteSpec® Grab Bucket is built according to the EC Machinery Directive 89/392 as modified with the EC norms 91/368 and 93/44 and to the European Norm EN 292 1st / 2nd part.



Dimension A	Dimension B	Dimension C	Dimension D	Dimension L
910mm	1250mm	720mm	1750mm	1040mm



HARDOX REVERSIBLE CUTTING EDGES



REVERSIBLE SIDE EDGES



Available in:

- > Standard Duty 12mm
- > Heavy Duty 16mm

- > Hardox Material
- > Fit from New or for Refurbishment
- > Fitting Kit Included

QUICK CHANGE HOOK KIT



- > Safety Latches for the Attachment of Chains and Slings
- > Fully Certified and CE Marked Kit
- > Load Tested
- > Hooks can easily retrofitted and can be easily removed
- > Available ex stock for delivery

LOCK RING SPANNER



- > Designed specifically for the Ritespec500, for easy bucket maintenance

PIN AND BUSH KIT COMPLETE



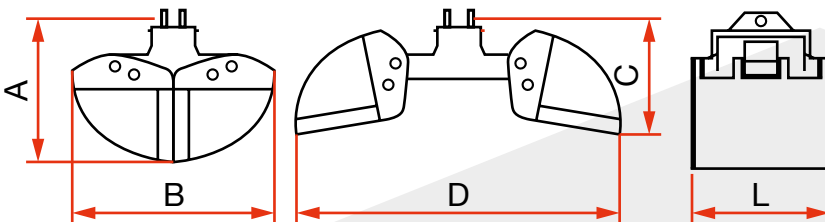
- > Fully hardened pins and bushes throughout
- > Parts available as separate items or as a complete kit
- > Excellent value compared to leading competitor brands
- > Available ex stock for immediate delivery

BUCKETS

LIGHT AND STANDARD DUTY CLAMSHELL BUCKETS / CLAMSHELL BUCKETS WITH OPEN SIDES



Modello Type Model Typ	Capacità Capacity Capacité Inhalt LT	Peso Weight Poids Gewicht KG	Pressione Pressure Pression Druck BAR	Portata Axial load Charge Traglast KG	Olio Oil Huile Ölfluss Lt/min	Ton	Kg	Dimensioni Dimensions Encombrement Abmessungen MM				
								A	B	C	D	L
BO 30	100	130	MAX 200	2000	20	2-5	300	670	830	530	1200	340
BO 40	125	140	MAX 200	2000	20	2-5	300	670	830	530	1200	440
BO 50	150	150	MAX 200	2000	20	2-5	300	670	830	530	1200	540
BO 60	175	160	MAX 200	2000	20	3-5	400	670	830	530	1200	640
BO 70	200	190	MAX 200	2000	20	5-7	500	670	830	530	1200	740
BO 80	225	200	MAX 200	2000	20	5-7	500	670	830	530	1200	840
BO 100	275	220	MAX 200	2000	20	5-7	500	670	830	530	1200	1040
BO 600	250	215	MAX 200	2000	20	6-7	600	900	1030	700	1450	640
BO 800	310	240	MAX 200	2000	20	5-7	700	900	1030	700	1450	840
BO 1000	400	265	MAX 200	2000	20	5-7	700	900	1030	700	1450	1040



BUCKETS

CLAMSHELL BUCKETS

Clamshell buckets with removable sides for easy operation and maintenance of open spaces.



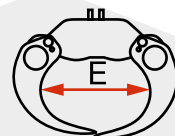
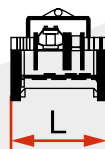
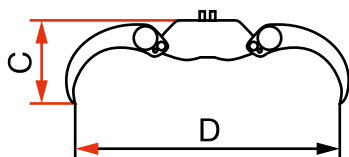
Type	Capacity LT	Weight KG	Pressure BAR	Axial load KG	Oil Lt/min	Ton	Kg	Dimensions MM				
								A	B	C	D	L
BOA 30	100	110	MAX 200	2000	20	2-5	300	670	830	530	1200	340
BOA 40	125	120	MAX 200	2000	20	2-5	300	670	830	530	1200	440
BOA 50	150	130	MAX 200	2000	20	2-5	300	670	830	530	1200	540
BOA 60	175	140	MAX 200	2000	20	3-5	400	670	830	530	1200	640
BOA 70	200	170	MAX 200	2000	20	5-7	500	670	830	530	1200	740
BOA 80	225	180	MAX 200	2000	20	5-7	500	670	830	530	1200	840
BOA 600	250	200	MAX 200	2000	20	6-7	600	900	1030	700	1450	640
BOA 800	310	210	MAX 200	2000	20	5-7	700	900	1030	700	1450	840
BOA 1000	400	235	MAX 200	2000	20	5-7	700	900	1030	700	1450	1040

LOG GRABS FOR FORESTRY CRANES



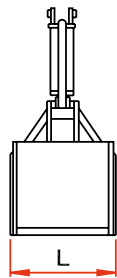
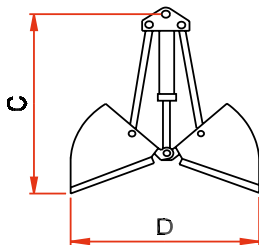
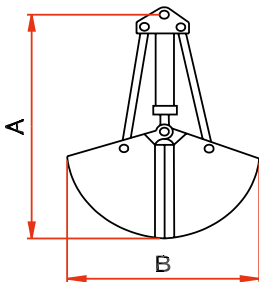
Some models available from stock - usually lead time for non stock items is 10-14 days

Type	Weight KG	Area M2	Pressure BAR	Lifting cap. KG	Ton	Kg	Dimensions MM					
							A	B	C	D	E	L
TM510	55	0.18	MAX 200	500	1	300-500	60	381	657	1032	450	255
TM 515	59	0.20	MAX 200	600	-	300-600	80	490	710	1220	500	250
TM 520	95	0.20	MAX 200	1000	2-3	600-1000	95	480	620	1080	480	330
TM 530	120	0.25	MAX 200	1500	3-4	1000-1500	125	550	730	1300	580	380
TM 540	147	0.28	MAX 200	1800	-	1500-1800	80	600	820	1450	600	400
TM 550	235	0.30	MAX 200	2500	4-7	1500-2000	130	600	780	1600	680	550
TM 550 L	158	0.30	MAX 200	2000	-	1500-2500	85	630	840	1580	670	400
TM 600	400	0.50	MAX 200	3500	7-13	-	165	700	900	1900	800	630
TM 600 L	350	0.50	MAX 200	3500	8-10	-	165	700	900	1900	800	580



BUCKETS

CLAMSHELL BUCKETS WITH VERTICAL CYLINDER FOR MINI-EXCAVATORS

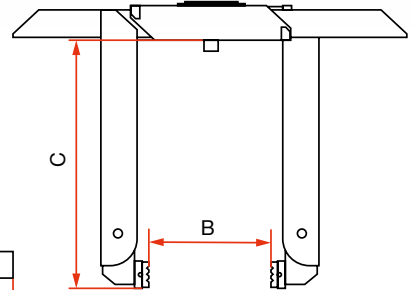
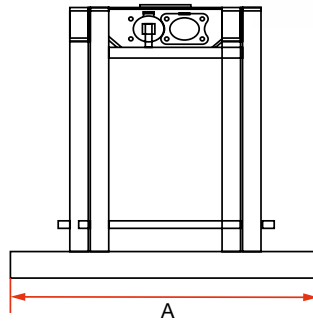


Type	Capacity LT	Weight KG	Pressure BAR	Charge KG	Oil LT/MIN	TON	Kg	Dimensions MM				
								A	B	C	D	L
BIVA 300	30	61	MAX 200	500	20	1,5	200	770	600	700	700	325
BIVA 400	40	63	MAX 200	500	20	1,5	200	770	600	700	700	425
BIVA 500	49	65	MAX 200	500	20	1,5	200	770	600	700	700	525

PARALLEL SQUEEZE BRICK GRAPPLES

The hydraulic clamps used for the Series PIB are specifically designed as clamps for cement blocks and brick stacks

They have a capacity up to 2500 Kg, and two of the three models are designed to be adjustable also in height.



Type	Weight KG	Weight with rotator KG	Pressure BAR	Lifting cap. KG	Kg	Dimensions MM		
						A	B	C
PIB	430	460	MAX 200	2500	2500	1200	470-1350	1200
PIB/R	500	530	MAX 200	2500	2500	1200	470-1350	1090-1590
PIB/R2	440	460	MAX 200	1500	1500	1200	470-1350	1090-1590

R = with adjustable height

ROTATORS

PCM work closely with Indexator, whose rotators are used all over the world in forestry, general cargo handling and material handling. This puts us in a unique position to operate in close co-operation with major machine manufacturers.

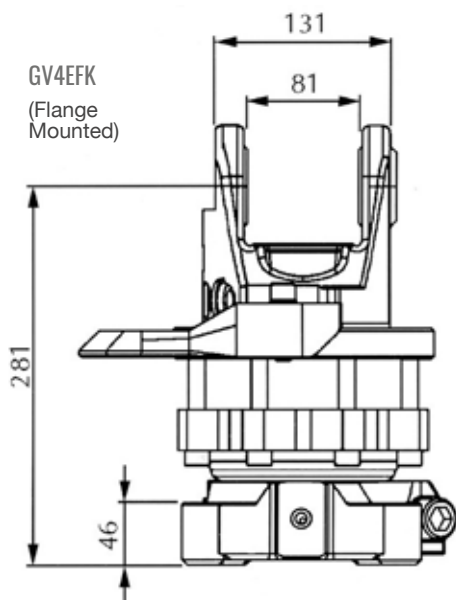
PCM are stockists and suppliers of Indexator, the world's most popular rotator. Indexator rotators are used all over the world in forestry, general cargo handling and material handling to GV4 models together with Indexator links have been selected for fitment with our Ritespec 500 to offer a premium quality, durable, attachments package ideal for the demands of grab loader work.

A wide range of other GV / AV series rotators are available with models and links to suit a range of applications

GV4

The ideal rotator for use on small forwarder and tractor/trailer cranes. Combines compact dimensions with high slewing torque.

Available in flange and shaft mounting options.



Technical Data	GV4E-63/30	GV4E/GV4K
Rotation	Continuous	Continuous
Weight	27kg	34kg
Max Axial Load Static	45kN	45kN
Max Axial Load Dynamic	25kN	25kN
Torque at 25MPa (3625psi)	1150Nm	1150Nm
Recommended Oil flow	12 l/min	12 l/min

Indexator
Rotator Systems

GV- AV CRANE LINKS



STANDARD CRANE LINK

Width:
Upper 80mm
Lower 80mm



S-TYPE STANDARD CRANE LINK

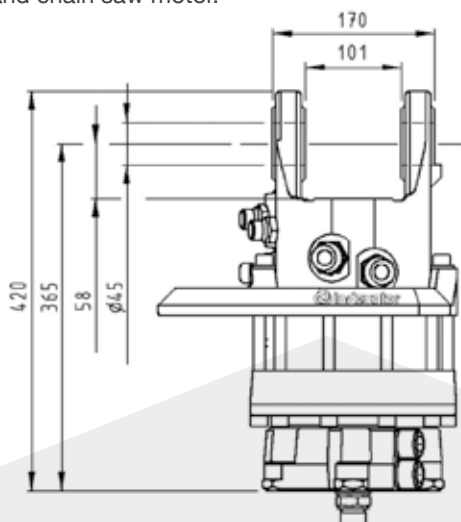
Width:
Upper 80mm or 100mm
Lower 80mm



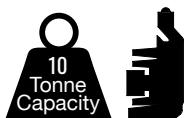
GV124S +



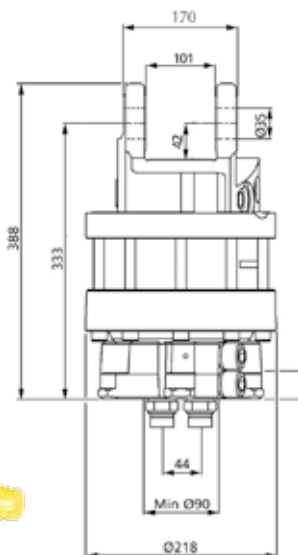
The heavy duty rotator with extra hydraulic porting for the operation of attachments with dual functions. Regularly used with timber grapple saws where hydraulic functions are required to operate both the grapple ram and chain saw motor.



AV12S



The heavy duty harvester rotator, for use with small to medium sized harvester heads employing the rotator oil feed via the rotator base plate.



SQUIRES QUICK CHANGE COUPLER SYSTEM

Squires Quick Couplers available from stock in both Male and Female option. Intended primarily for use with grabs on lorry loaders and similar applications, they provide quick and easy means of coupling or uncoupling a grab and rotator. Used in conjunction with quick release hydraulic connectors in the hydraulic feeds to the grab, the Coupler facilitates rapid change from one type of grab to another. In addition to the quickness of the change over the use of the rotator is retained for all applications.

(Coupler has total Safe Working Load of 5000kg i.e. this is the total of the load and the grab.)



Technical Data

AV12S

GV124S

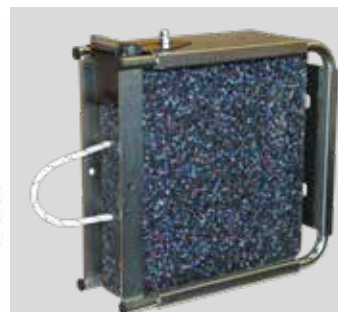
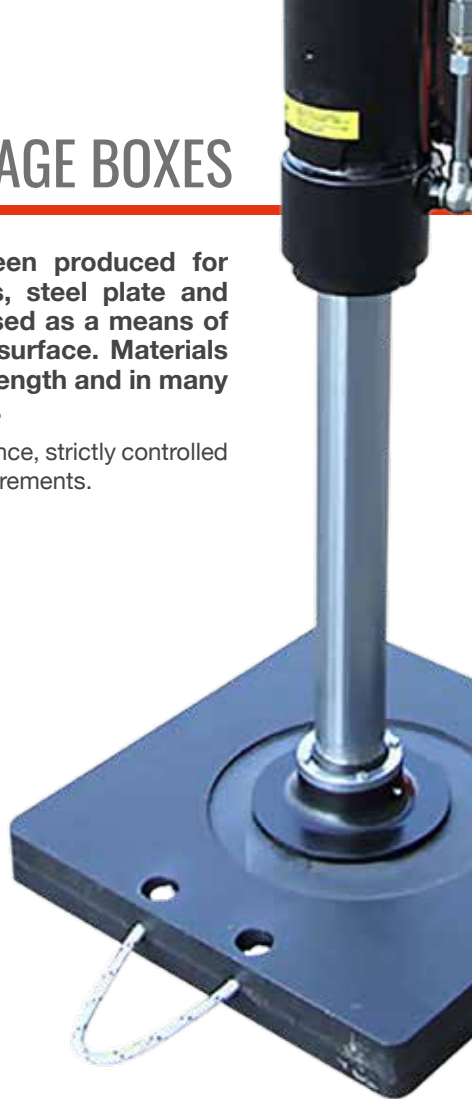
Rotation	Continuous	Continuous
Weight	56kg	64kg
Max Axial Load Static	100kN	100kN
Max Axial Load Dynamic	50kN	50kN
Torque at 25MPa (3625psi)	2200Nm	2200Nm
Recommended Oil flow	25 l/min	25 l/min

STABILISER PADS & STORAGE BOXES

These polyethylene stabiliser pads have been produced for PCM to replace the various wooden blocks, steel plate and other material which has traditionally been used as a means of spreading the load of a stabiliser leg to the surface. Materials such as wooden blocks are of an unknown strength and in many circumstances present a more hazardous risk.

The RiteSpec® range of stabiliser pads are high resistance, strictly controlled for consistency and comply with the relevant ISO requirements.

- Stabiliser pads available in high resistance polyethylene
- Available in standard multi-colour confetti blend or virgin material single colour options
- Square, conical or round pad options
- Anti-Slip pads available
- Pads can be customised with company name / contact number or logo design (at additional cost)
- Ideal for lorry loader cranes, mobile cranes, access platforms, recovery vehicles , plant / machinery
- Pad boxes available to suit the range in both double and single stowage options
- Quality tested to ensure consistency in supply
- Prevention is better than cure



STABILISER PADS & STORAGE BOXES

CRANE STABILISER/OUTRIGGER PAD SIZE RANGE:

> 300 x 300 x 40mm	> 800 x 800 x 60mm
> 400 x 400 x 50mm	> 1000 x 1000 x 60mm
> 500 x 500 x 60mm	> 800 x 60mm round pads
> 600 x 600 x 60mm	> 1000 x 60mm round pads
> 700 x 700 x 60mm	> 1200x1200x80mm

All available from stock for immediate despatch or collection from our warehouse.



INTERLOCKING PADS

- > 1.2m x 600mm x 60mm
- > 1.5m x 750mm x 60mm

These pads can be purchased individually or as a set of three pads to form the 1.2m x 1.2m square and the 1.5m x 1.5m square. The third pad fits into the recess on top of the first two pads and held in place by two pins. Pins are supplied when a set of three pads are purchased.

1.5M SINGLE PAD



1.5M DOUBLE PAD



1.5M PAD X3 WITH PEGS

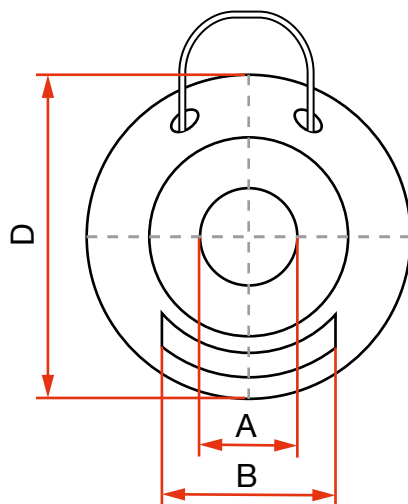
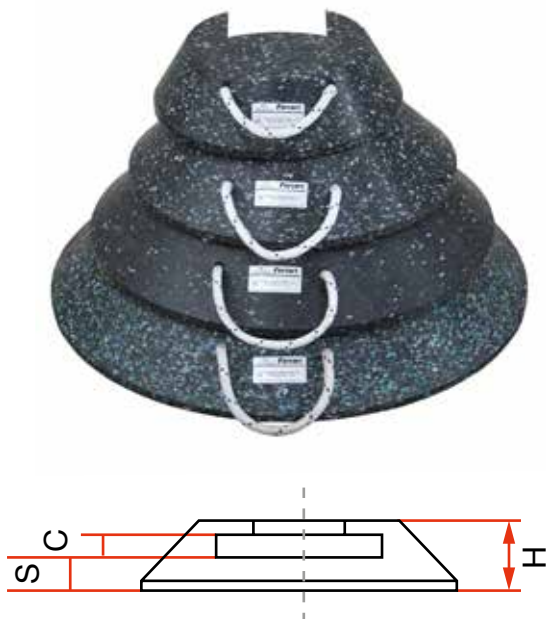


LARGE SINGLE PADS

- > 1.2m x 1.2m x 60mm Upwards

Pads can be supplied with company logo on and with lifting eyes for easier handling

CONICAL AND ROUND PADS



Model	D	S	C	A	B	H	Weight	Capacity	Ton/m
	mm	mm	mm	mm	mm	mm	kg	ton	up to
FSBR 30x16 H 8	300	30	30	60	160	80	2,6	14	20
FSBR 30x20 H 8	300	30	30	120	200	80	2,3	14	20
FSBR 40x20 H 8	400	30	30	120	200	80	4,2	22	30
FSBR 40x21 H 8	400	30	30	90	210	80	5,3	22	30
FSBR 50x25 H 8	500	30	30	120	255	80	8,8	29	50
FSBR 50x21 H 8	500	30	30	110	210	80	9,4	29	50
FSBR 60x21 H 8	600	30	30	110	210	80	14,8	36	85

STABILISER PADS & STORAGE BOXES

NEW PREMIUM STABILISER PAD RANGE NOW IN – YELLOW HIGH VISIBILITY OUTRIGGER PADS



These pads are ideal for use in public or hazardous areas. Our high visibility outrigger pads alert pedestrians and operators to the potential trip hazard of the stabiliser pads.

These premium high visibility pads offer tough and stable support for stabiliser legs and these yellow high visibility options are commonly used in parking areas, pavements, roadsides and pedestrianised walkways, but can be used in any application where potential hazards may occur.

Available in the following sizes:

STANDARD PADS

- > 400 x 400 x 50mm
- > 500 x 500 x 60mm
- > 600 x 600 x 60mm

PREMIUM ROUND PADS

- > 800 x 60mm round pads
- > 1000 x 60mm round pads

All pads are available from stock for **immediate despatch** or collection from our warehouse.



We are pleased to say we are now able to offer the additional service of stamping each stabiliser foot pad with your Company Name, Vehicle Registration Number, Telephone Number etc. Maximum of three lines per pad. Good discounts given for bulk orders. Stop all the confusion on site of which pad belongs to which vehicle or company.

Please ring our Sales team for more information and prices on 01327 842808.

Model	Dimensions	Weight	Capacity ton*	Crane - t/m up to**
30 x 4	300 x 300 x 40mm	3.5kg	11	18
40 x 5	400 x 400 x 50mm	8kg	14	25
50 x 6	500 x 500 x 60mm	15kg	24	60
60 x 6	600 x 600 x 60mm	21kg	30	100
70 x 6	700 x 700 x 60mm	29kg	36	110
80 x 6	800 x 800 x 60mm	38kg	42	140
100 x 6	1000 x 1000 x 60mm	58kg	60	180
8 x 6 round	800 x 60mm	28kg		
100 x 6 round	1000 x 60mm	46kg		
120 x 6	1200 x 600 x 60mm	43kg		
150 x 6	1500 x 750 x 60mm	67kg		

Boxes to suit range:

30	300 x 300 x 40mm
40	400 x 400 x 50mm
50	500 x 500 x 60mm
60	600 x 600 x 60mm
70	700 x 700 x 60mm
80	800 x 800 x 60mm
100	1000 x 1000 x 60mm -to order

* Indication only of maximum imposed load of typical stabiliser foot of a crane in the tonne metre class of column 'D'

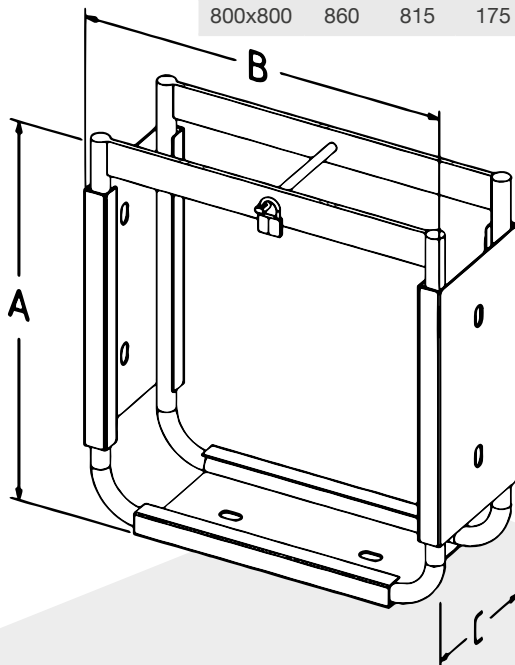
**Column 'A' when read in conjunction with column 'D' is a guide only. All use of stabiliser pads should be carried out only by trained personnel in conjunction with ground condition analysis and other statutory requirements.

SINGLE PAD BOX DIMENSIONS

Model	A	B	C
300x300	360	320	95
400x400	445	415	100
500x500	545	515	110
600x600	660	615	110
800x800	860	815	110

STABILISER PAD STOWAGE BOX DIMENSIONS

Model	A	B	C
300x300	360	320	145
400x400	445	415	155
500x500	545	515	175
600x600	660	615	175
700x700	760	715	185
800x800	860	815	175



ADDITIONAL STABILISERS

EVO Series Additional Stabilisers are available in fixed, manual and hydraulic versions and they cover an extended range of settings from cranes going from 5 ton/m up to 140 ton/m, granting safety to the operator. Also thanks to the variety of versions and accessories; they can be, in fact, equipped with various state of the art sensor kits to control opening , closing and grounding of the stabilizer.



The latest EVO X model comes complete with internal hosing – all hydraulic connections, the hoses and sensors are contained inside the box of the stabilizer, granting ease of installation with significantly reduced external encumbrance and protection from external strikes and weather for all hydraulic components

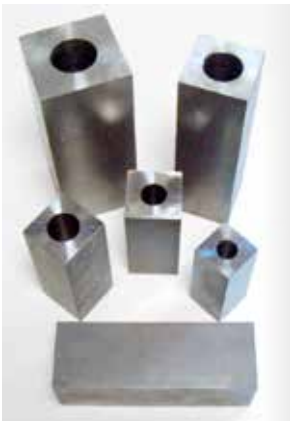
The EVO series of stabilisers can also be supplied with a Micro Kit which is a package of sensors needed to guarantee that the machine is working in complete safety, compliant to EN 12999 norms.

Every sensor is protected from impacts and weather with steel carters, and the wirings are brought inside a waterproof box.

CRANE MOUNTING KITS

STEEL STUDDING

- > PCM stock a full range of high tensile steel studding suitable for fixing loader cranes and other equipment onto commercial vehicles
- > made from heat treated chrome-moly steel, the 1 metre bar lengths have a fine rolled thread form to ensure the maximum effective diameter
- > size range from 18mm - 39mm
- > the studs can be cut to length using normal cold-working processes
- > produced in certified batches, certification is available to customers as required



MOUNTING BLOCKS

- > a range of accurately produced mounting blocks are available
- > blocks are faced after cutting and drilling to present a working surface for the nut / washer at exactly 90 degrees to the drilled hole axis

NUTS AND WASHERS

- > PCM hold large stocks of suitable nuts and washers to suit size range



AIR / OIL COOLERS

- > Available in Steel or Aluminium
- > 5 Available in a range of sizes installed in the return line of the oil circuit
- > Keeps oil to within acceptable working temperature range
- > Air/oil coolers with custom fit fans for hydraulic motors.



- > Made in aluminium for high resistance to pressure when operating and high heat exchange capacity in spite of the small overall dimensions.
- > Available in a range of sizes installed in the return line of the oil circuit
- > Suggested for lorry loader crane applications

Models	Oil flow capacity	Fan	Performance (40°C)	Pressure	Protection	Noise Level	Weight	Current
	I min - max	Ø mm	Kw	bar	IP	dba	kg	A
FCA 15-40	10-80	190	4,4	26	68	68	3,5	6,2(12V)-3,1(24V)
FCA 30-60	10-100	190	4,8	26	68	78	5	6,2(12V)-3,1(24V)
FCA 20-100	20-100	225	5,6	26	68	78	6	7,7(12V)-4,3(24V)
FCA 25-140	10-140	280	10,8	26	68	78	7	7,7(12V)-4,3(24V)
FCA 45-90	10-120	280	8,8	26	68	74	6	7,8(12V)-3,9(24V)
FCA 40-140	10-140	280	8,8	26	68	74	7	7,8(12V)-3,9(24V)
FCA 45-170	20-180	385	11,2	26	68	79	12	18,1(12V)-8(24V)
FCA 40-180	30-180	280	10,8	26	68	78	28	15,2(12V)-7,1(24V)
FCA 35-250	40-250	385	13,2	26	68	70	18	18,1(12V)-8(24V)
FCA 40-320	40-320	280x2	28,8	26	68	85	40	16,6(12V)-8x2(24V)

HOSE REELS

Our range of Hydraulic Hose Reels feature models with compact dimensions thanks to small outer diameter and an innovative locking system for thermoplastic hydraulic hoses.

The rotating body is manufactured from GS 500 cast iron and positioned on a surface quenched steel shaft, a recall spring seated in a protected location allows for the hoses' rewind.

The hydraulic hoses mounted in the Hose Reel FT series are made with high resistance synthetic fibres and anti-abrasion polyurethane. Depending on the hose reel model, one can mount hoses with diameters ranging from 1/4" to 1" with SAE 100R8 or R8 resistance class. For models designed for twin hose mounting, the coupling is realized through the welding of the hoses to grant a better sliding.

FT Series Hose Reels are designed to simplify the change of direction of rotation, if needed and to grant a long lasting utilization and protection from bumps and collisions.

They are particularly suitable for lifting applications such as lorry loader / truck cranes, forklifts and aerial platforms

Please contact us for a full information and specification sheets for the Hose Reel range



HYDRAULIC OIL TANK RANGE - STEEL

30 LTR SIDE TANK



- > Ideal for recovery vehicle, small lorry loader crane and car transporter applications

50 LTR SIDE TANK



- > Ideal for recovery vehicle, small lorry loader crane and car transporter applications

80 LTR SIDE TANK



- > Ideal for recovery vehicle, small lorry loader crane and car transporter applications

100 LTR SIDE TANK



- > Tank supplied with sight level gauge, filler breather, rubbers, straps & bracket.

120/150 LTR SIDE TANK



- > Ideal for lorry loader crane applications

150/170 LTR SIDE TANK



- > Suitable for a range of applications

180 LTR SIDE TANK



- > Ideal for lorry loader crane applications
- > Tipping trailers

200 LTR SIDE TANK



- > Tank supplied complete with sight level gauge, filler breather, return filter assy, rubbers, brackets & straps

300 LTR SIDE TANK



- > Tank supplied complete with sight level gauge, filler breather, return filter assy, rubbers, brackets and straps

HYDRAULIC OIL TANK RANGE - STEEL continued

115LT PREMIUM LINE TANKS



- > Complete with return filter Assy & Stainless Steel Straps
- > 1½" Shut off tap / ball valve as standard

135LT PREMIUM LINE TANKS



- > Complete with return filter Assy & Stainless Steel Straps
- > 1½" Shut off tap / ball valve as standard

100 LTR REAR OF CAB TANK



- > Tank supplied complete with sight level gauge, filler breather, return filter assy, rubber mounts

200 LTR REAR OF CAB TANK



- > Ideal for tipper/ tipping trailer applications

HYDRAULIC OIL TANK RANGE - ALUMINIUM

100 LTR ALUMINIUM SLIMLINE SIDE TANK



- > Suitable for a range of applications
- > Supplied c/w filter assy, filler breather assy and fitting kit

120 LTR ALUMINIUM SIDE TANK



- > Suitable for a range of applications
- > Supplied c/w filter assy, filler breather assy and fitting kit

125 LTR ALUMINIUM SIDE TANK



- > Good weight saving as total weight including brackets is 27kg
- > Very good ground clearance

HYDRAULIC OIL TANK RANGE - ALUMINIUM continued

150 LTR ALUMINIUM SIDE TANK



- > Suitable for a range of applications
- > Supplied c/w filter assy, filler breather assy and fitting kit

170 LTR ALUMINIUM SIDE TANK



- > Suitable for a range of applications
- > Supplied c/w filter assy, filler breather assy and fitting kit

200 LTR ALUMINIUM SIDE TANK



- > Ideal for lorry loader or bulk tipping trailer applications
- > Weight only 35kg – inc. brackets/ straps/ filter etc
- > Side mount tank c/w return filter assy & sight level gauge

100 LTR ALUMINIUM REAR TANK



- > Suitable for a range of applications
- > Supplied c/w filter assy, filler breather assy and fitting kit

200 LTR ALUMINIUM REAR OF CAB TANK



- > Also available from stock return filter assy and sight level gauge

ALL TANKS SUPPLIED C/W brackets/straps/rubbers/return filter assy and sight level gauge/filler breathers



OPTIONAL EXTRAS - CHASSIS MOUNTING BRACKETS KIT / PACKAGE

T-LINE



The T Line 85/18, developed by Padoan through continuous feedback from the market, aims to provide an effective and efficient solution combining quality, technology and a compact footprint.

Lack of space is increasingly an issue on vehicles and limiting the way in which a hydraulic tank can be installed on vehicles equipped with a wide range of applications. This means that standard rear of cab hydraulic tanks cannot be installed.

The T line is a concept with a depth of just 180mm enabling the tank to be installed easily and effectively where space is limited.

A shock absorbing and easy to install mounting kit, as well as premium accessories, complete the offer of a solution dedicated to vehicles with extremely limited available space.



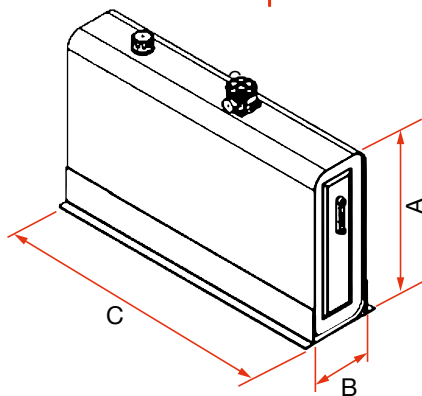
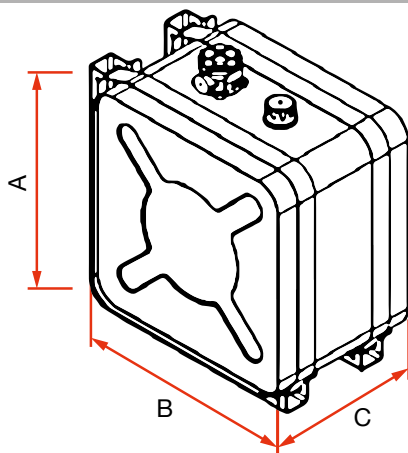
SPECIFICATIONS

STANDARD STEEL SIDE / CHASSI MOUNTED HYDRAULIC TANKS

Capacity	A (mm)	B (mm)	C (mm)
30 Litre	280	340	370
50 Litre	310	450	400
80 Litre	410	460	550
100 litre (inline filter required)	660	660	280
115 Lt	650	650	300
120lt	460	510	610
135lt	636	706	350
150lt	460	510	750
150lt slim	650	650	400
170lt	650	650	450
180lt	660	660	460
200lt	660	660	540
300lt	740	660	700

STANDARD ALUMINIUM SIDE / CHASSIS MOUNTED HYDRAULIC TANKS

Capacity	A (mm)	B (mm)	C (mm)
100 lt slim	636	706	300
125lt	320	580	750
120lt	500	640	400
150lt slim	700	700	350
170lt slim	700	700	400
180lt silm	700	700	420
200lt	636	706	500
200lt slim	700	700	450
250lt	636	706	600



STANDARD REAR OF CAB HYDRAULIC TANKS

Capacity	A (mm)	B (mm)	C (mm)
100 lt steel	720	260	650
200lt steel	720	260	1250
100lt Aluminium	642	280	710
200lt Aluminium	642	280	1270
200lt Aluminium T Line - Ultra Slim	850	180	1415

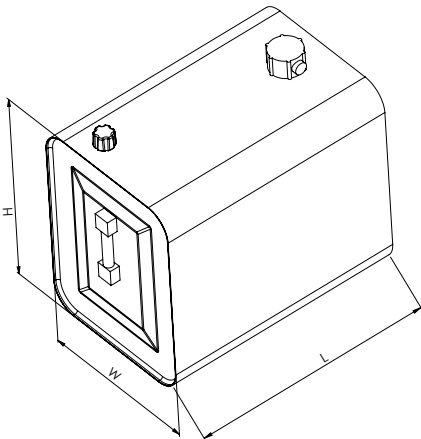
CUSTOMISATION & BESPOKE

HYDRAULIC OIL TANKS

If our standard range of tanks do not suit your requirements, PCM are able to manufacture customised tanks for your application, whether it is just a one off or for a large volume project

We have our own drawing office so that we are able to produce technical drawings for your approval based on capacity / dimension information together with component and material specifications

First step is to decide on capacity, dimensions and features required. Please consider the template drawing below as a guide for selection of these variables. (Copies of template available on request)



ADDITIONAL FEATURES

- > Return Filter - Position, Size & Bolt PCD
- > Filler Breather - Position & Details
- > Suction Port - Face, Position Size & Thread Details
- > Sight Gauge - Face, Position & Type
- > Custom Mounting Features

PLEASE CALL TO DISCUSS



TANK DIMENSIONS

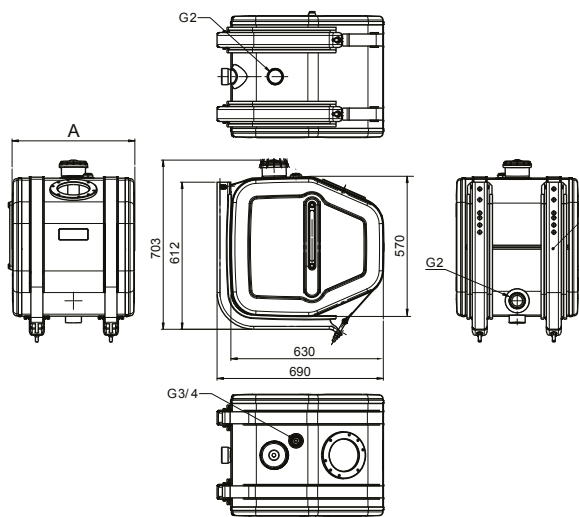
TANK HEIGHT:	H	mm
TANK WIDTH:	W	mm
TANK LENGTH:	L	mm
MATERIAL:		

SLT TANKS

We are always looking to improve our offer and have recently added the “SLT”. The new SLT range of tanks is characterized by a particular trapezoidal shape, specifically used for easy and quick installation for a variety of vehicle applications, in particular for grab loader and forestry cranes.

This profile together with the technical features and the specific positioning of the components are designed for optimizing it's application use as well as to reduce the time for maintenance.

Available in steel or aluminium and in size range from 100lt through to 400lt. All tanks supplied complete with straps, brackets, filler breather and return filter Assy.



Codice KIT
KITcode
135903BTLX0

Già incluso
Already included

	A mm	Oil level min. oil capacity	Oil level max. oil capacity
100	376	42 ltrs	87 ltrs
120	446	50 ltrs	105 ltrs
140	506	57 ltrs	120 ltrs
150	546	62 ltrs	130 ltrs
200	726	84 ltrs	175 ltrs
250	906	106 ltrs	221 ltrs
300	1076	126 ltrs	264 ltrs
400	1476	174 ltrs	365 ltrs

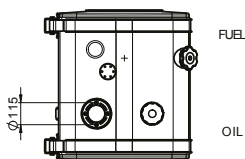
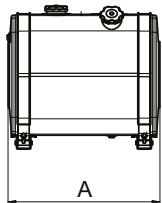
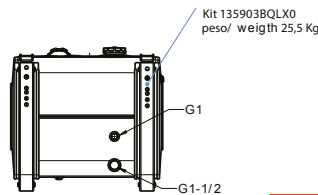
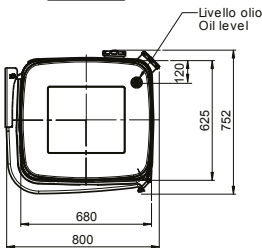
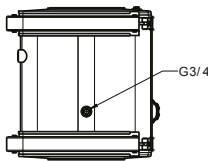
COMBINATION TANKS



The combi-tanks for hydraulic oil and fuel of the Combination range are the solution to the problems of space and weight that with always increasing frequency is present on actual vehicles.

They integrate inside a fuel and an oil tank separated through a watertight baffle. These tanks are manufactured according to constantly updated specifications, using the most evolved technologies and employing highest quality raw materials. At the end of the manufacturing process they are submitted to two different pressure tests to guarantee them a perfect efficiency. The whole range is provided with ONU-ECE 34 E3 APPROVAL, recognised in all the countries.

We also offer a bespoke tank fabrication service. Please speak to our member of our sales team for more information



Oil	Fuel	Capacity until oil level indicator	A mm
130 + 140		105	700
150 + 160		130	800
160 + 210		130	950
170 + 260		150	1100
170 + 320		145	1250
200 + 400		165	1560
200 + 485		165	1750
250 + 550		215	2000

PADOAN HYDRAULIC TANKS

Italian manufacturers Padoan are recognised as specialists in the design, manufacture and supply of hydraulic, diesel and combined tanks for commercial vehicles, plant and construction machinery.

Since 1937, Padoan has worked with a vision to provide the most innovative tank products on the market. The strengths of Padoan Hydraulic Tanks reflect the value shared by the Company and staff throughout the organisation.

THESE STRENGTHS ARE:

- > Product Range
- > Manufacturing Processes
- > Quality and Certification
- > Research and Development

It is the Padoan company's mission statement to be a leader in hydraulic tank manufacturing and they have partnered with PCM Handling which is able to support their products throughout the UK effectively.

PCM now stock a comprehensive range of Padoan hydraulic tanks and has direct factory access to allow fast response to customer enquiries.



FUEL TRANSFER TANKS

PCM stock a selection of EMILIANA SERBATOI fuel transfer tanks which are a transportable tank for diesel ideal for use on site and produced in linear polyethylene and equipped with:

- > Lid with locking device and reinforced closure
- > Aluminium filling plug
- > Safety valve
- > Transfer unit
- > Forklift pockets for lifting handles for lifting when empty
- > Recesses for securing straps to the support base
- > Level gauge
- > Inserts in aluminium or material compatible with Diesel fuel



TANK ACCESSORIES AND SPARES

SWEPT HOSE TAIL



These large swept angle hose tails are used to connect the tank with the flexible suction hose and can also be used for pump inlet applications

- > 1½" Swept 90° Hose Tail
- > 2" Swept 90° Hose Tail

HEAVY DUTY SUCTION HOSE - INTERNALLY WIRE WOUND TO PREVENT COLLAPSE



This hose is internally wound with a spiral steel wire which ensures the hose cannot collapse under internal negative pressure.

Note: Flexible high pressure hydraulic hose can de-laminate when used for suction purposes, causing system failure.

- > 1½" PER MT
- > 2" PER MT

ADAPTORS



These large adaptors are used in the outlet port of the tank.

- > 1½" Male -Male Adaptor
- > 2" Male-Male Adaptor

DOWTY WASHERS



These large washers are used to seal adaptors to the outlet port of a tank & other parts of the suction system.

- > 1½" Dowty Washer
- > 2" Dowty Washer

MIKADOR HEAVY DUTY CLAMP



These clamps are used to secure the flexible suction hose to various fittings, it is recommended they are doubled up on each fitting.

- > For 1½" Suction Hose

SHUT OFF TAPS



These shut off taps are fitted to the suction line to enable a pump or tank to be removed separately. Should be lock wired "open" to prevent accidental closing

- > 1½" Shut Off Tap
- > 2" Shut Off Tap

STAUFF HEAVY DUTY HOSE SUPPORT



These clamps are sized to lightly grip the outside of the flexible suction hose, and can be connected to a chassis mounted bracket by welding to the metal part.

- > Clamp for 1½" Suction Hose
- > Clamp for 2" Suction Hose

STANDARD TANK TOP FILTER ASSY



Standard tank top filter which is supplied with an additional submarine tube and has a replaceable filter and has a facility for a filter condition gauge to be fitted

➤ Tank Top Filter

REPLACEMENT FILTER ELEMENT FOR THE STANDARD TANK TOP FILTER



➤ Replacement Element Only

SLT TANK – TANK TOP RETURN FILTER



These long high flow filters are used in tanks with high through flows such as double pumped crane applications.

➤ Tank Top Filter Suitable for
SLT Type Tank : 0602107

STAINLESS STEEL FILTER ELEMENT



This filter is of corrugated stainless steel mesh & is cleanable. Replacement is usually only necessary if damage to the filter has occurred.

➤ Replacement Stainless Steel
Element Only

REMOTE MOUNTED RETURN LINE FILTER



Remote mounted return line filter where space does not allow a tank mounted filter.

➤ Replacement Filter for
Remote Mounted Filter

DOUBLE PORT FILTER



Filter with double ports to enable twin return lines without the need for external junctions in the plumbing.

ADAPTOR PLATE



Adaptor plate to enable the fitment of a double port filter to a standard PCM tank filter mount

TANK ACCESSORIES AND SPARES

FILL BREATHER KIT



Fitted as standard to the PCM range of tanks and available as a separate part. This filler breather incorporates a replaceable air filter.

- > Filler Breather Kit with Replaceable Filter

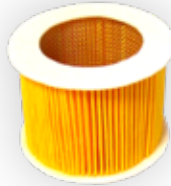
WELD ON THREADED BOSSES FOR ALUMINIUM TANKS



For the workshop that has aluminium welding capacity, these bosses can provide extra ports when required.

- > 1"
- > 1 1/2"
- > 2"

BREATHER ELEMENT



- > Replacement Element for 08210L

WELD ON M/M FITTING FOR STEEL TANKS



These standard fittings can be welded into steel tanks to provide extra ports when required

- > 1"
- > 1 1/2"
- > 2"

FILTER CONDITION INDICATOR



Low pressure gauge showing the return filter's resistance to flow and hence then filter's condition.

SIGHT LEVEL GAUGES



- > 127mm / 12mm Bolt

REPLACEMENT STRAPS

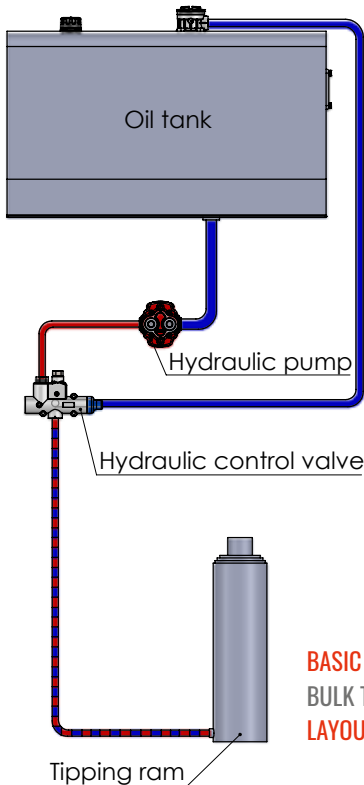


Available in different sizes to suit standard stock PCM tanks

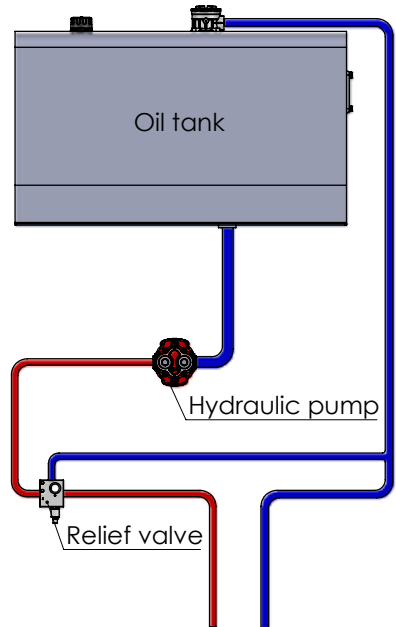
- > Strap Rubbers also available from stock

WET KIT PACKAGES COMPLETE

PCM supply complete wet kit packages from stock to suit a range of applications and can be customised to suit most specifications.



**BASIC HYDRAULIC
BULK TIPPER
LAYOUT**



**BASIC HYDRAULIC
WALKING FLOOR
LAYOUT**

WET KIT PACKAGES COMPLETE

PCM supply complete wet kit packages from stock to suit a range of applications and can be customised to suit most specifications.

PACKAGES INCLUDE:

- > PTO assembly + fitting kit to suit gearbox application - select from range of brand options
- > Quill shaft if required
- > Hydraulic pump to suit - select from range of brand options - gear pump, piston pump or vane pump depending upon application
- > Hydraulic oil tank to suit application c/w straps, mounting brackets, filler breather return filter assembly and sight level gauge
- > Tank options available – steel, or aluminium type
- > side mounted or rear of cab mounted
- > Hydraulic tipper control valve, mounting plate and fixing kit - for tipper applications
- > Relief valve option – depending upon application requirements
- > Directional valve options – depending upon application requirements
- > PTO switch kit / dual switch kit / electric type PTO kit (all depending upon application)
- > Suction / pressure hose kits to suit application requirements
- > Various fittings, adaptors, quick release couplings as required

WET KIT SIDE



WET KIT REAR



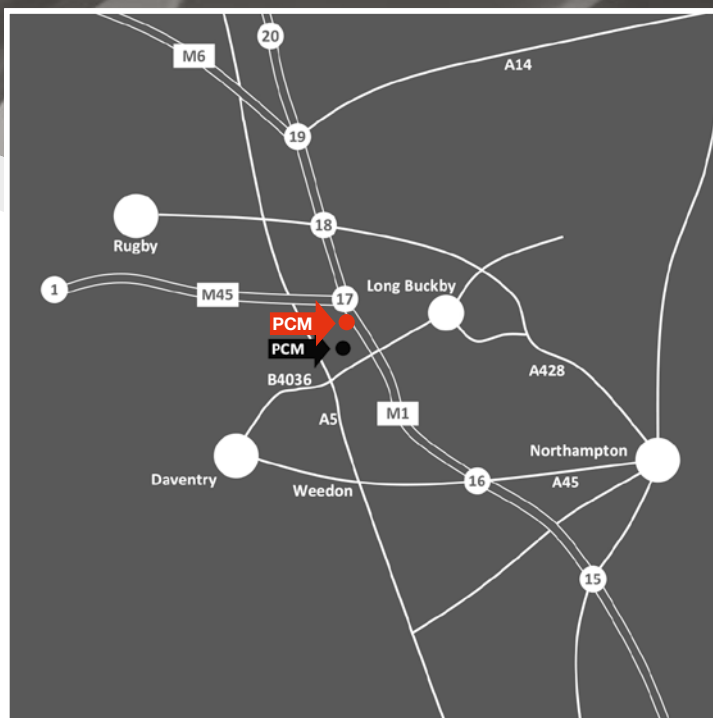
PCM HYDRAULIC OIL



- > PCM 46 Hydraulic Oil
- > Available in 20lt drums
- > Collection from our trade counter only

LEADING SUPPLIER IN TRANSPORT AND HANDLING EQUIPMENT

HOW TO FIND US:



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Padean
WE TANK YOU SINCE 1937

**EMILIANA
SERBATOI**

PCM



**TRANSPORT
& HANDLING
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