# your partner in print



# engineering expertise - only part of the story...

Yes, we employ highly experienced engineers to deal with your print machinery requirements and hold a huge stock of spare parts, but, we also provide a complete customer care package, that ensures we're able to keep your print operation running. We supply, deliver and fit mechanical and electrical spare parts, including spares for very old Heidelberg machines. Any repairs requiring more unusual spares will usually be obtained the next working day, to minimise down time and by using our own engineers, we ensure high standards of service at all times - it's our promise to you, our customer.

# Order on +44 (0)1249 654 266

Order by phone, fax, email or post. fax: +44 (0) 1249 443130 email:raycanter@aol.com

# parts

- 7 GTO
- 15 MO&SM
- 17 K Line
- 21 S Cylinder
- 25 Electrical
- 27 Varn
- 29 Misc



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10	illustrations not to scale
13	14
20	21
27	28

		la de la companya de
1	42.030.003	Damper journal
2	42.030.004	Damper journal
3	42.030.204	Damper journal, VIB
4	42.030.205	Bearing bolt
5	07.010.154	Bolt
6	42.030.024	Adjusting screw & block
7	42.010.031	Eccentric shafts
8	42.010.030	Bearing bolt
9	00.520.0497	Grub screw 8x40
10	00.520.0506	Grub screw 8x20
11	52.030.017	Spring rod complete
12	09.030.129	Bolt
13	42.030.104	Bushing
14	42.030.367	Water container
15	42.731.010	T.Handle wrench
16	42.431.123/4	Adjusting screw
17	42.431.120	Screw
18	14.015.125	Spring (No. unit)
19	Convex	No. box parts
20	Standard	No. box parts
21	42.431.204	Eccentric
22	42.431.235	Manifold guide
23	03.731.012	Perf disc
24	42.732.010	Slitting disc
25	42.431.319	Allen cap screw, 10x22
26	Bolt for	No. unit shaft
27	42.431.301	Numbering box
28	42.431.310	Numbering ring
29	42.017.025	Retainer spring
30	66.028.055	Retainer spring
31	52.007.084	Pointer
32	69.017.025	Retainer spring
33	42.030.328	Spring clip
34	04.013.102/7	Spring & knob
35	42.006.033/5	Claw & stop

Description







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6	illustrations not to scale
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	Part No.	Description
1	14.875.001	Delivery gripper
2	MV.021.878	Gripper (urethane tip)
3	43.020.035	Feeder gripper (with hole)
4	52.580.362	Gripper upper position
5	62.011.426	Compression spring
6	89.014.099	Torsion spring
7	42.431.320	Numbering cam
8	04.022.036	Sheet brake
9	42.022.024	Sheet smoother
10	42.017.085	Holder for GT046 (long)
11	01.012.032/5	Tripping spring
12	36.017.084	Separator rubber
13	42.017.083	Sep. spring & holder
14	42.016.307	Clamping piece
15	42.022.038	Plate spring
16	42.209.007	Backstop
17	42.209.008	Backstop
18	42.016.072	Sucker-red
19	04.022.069/01	sheet brush only
20	42.017.007	Sleeve
21	42.707.101	Extended side lay
22	01.022.019	Holder
23	63.015.539	Suction wheel
24	00.580.0465	Hose nipple
25	01.018.019/20	Spring/valve screw
26	42.018.004	Oil seal
27	42.232.006	Link
28	01.018.034/50/11	
29	00.250.0690	Oil pump handle/bracket
30	42.431.023	Eccentric bushing
31		Screw and shouldered bolt
32		Roller feeler guage
33		11mm plate spanner
34		Pin zero's storage drum
35	RC1206859	Ass. label



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	Part No.	Description
1	42.030.375	Water duct clutch
2	42.008.005	Ink duct clutch
3	42.008.104	Guide block (bronze)
4	00.580.1226	Belt for slow down motor
5	69.022.123	Bottom linkage complete
6	66.028.043	Bolt
7	00.780.2404/5	Locking bolt/clip
8	66.072.114	Spring with hook
9	69.013.004	Gripper shaft
10	42.006.124	Impression spring
11	43.011.032	Shaft only, "MO"
12	01.013.007	Pin screw
13	42.030.369	Seal for water container
14	52.580.241	Bolt
15	00.250.0445	Oil tube
16	62.015.210	Bolt
17	91.008.033	Ink wiper
18	42.021.052	Stop
19	00.550.0436	Cam follower swing gripper
20	24.010.086	Spring rod
21	42.030.348F	Hand clutch
22	42.012.039	Compression spring
23	69.021.107	Guard 52
24	42.021.107	Guard 46
25	66.024.010	Ball race extractor
26	01.013.011	Roller
27	44.010.252	Tension spring
28	42.030.361/101	Trough/roller
29	00.270.0076	V-belt
30	00.270.0057	Poly V-belt
31	00.270.0072	Poly V-belt
32	00.270.0098	Poly V-belt
33	00.780.0475	Weko spray drive belt
34	04.015.036	Shouldered bolt
35	00.550.0436	Various cam followers



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		illus	1	42.012.057
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			6	42.022.127
			7	42.022.129
6	7		8	42.007.032
			9	42.007.004
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AND NO.			11	42.007.011
Ellimate			12	42.007.010
	-		13	52.007.022
			14	69.013.045
			15	00.580.0859
13	14		16	00.580.1340
			17	04.010.094
	-		18	42.017.057
100			19	69.478.010
	-		20	42.004.040
			21	69.013.044
	-		22	52.007.071
			23	52.007.070
20	21		24	42.431.087
			25	42.431.083
			26	10.052.2099
			27	42.431.216
119			28	69.013.046
			29	42.015.304
	0		30	69.014.111
	_		31	42.731.508/9
27	28		32	42.015.317
			33	42.014.007
450			34	42.232.021
	2000		35	52.007.020
Des				

34

Description Hub with handle (v.early type) Piece Spring Threaded Bush Clamp latch Roller shaft Rod head with needle bearing Reconditioned 46 plate clamp Bracket Reconditioned 52 plate clamp Nut Threaded stud, 83mm long Pinion gear Threaded bolt Handle Handle with knob Hand wheel Handle with knob Bolt only for plate clamp Locking bolt Cam Bearing, O/S Bearing, D/S Screw Pointed stud Plastic gauge label Flanged bolt Support bar Guide Star wheel rod 52 Plate spring Guide strap Cam lever Nozzle/blow only

Cam

## MO&SM



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		33	43
	-	34	00
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	Part No.	Description
1	43.012.067	Spring
2	66.015.121	Bracket
3	52.580.332	Bearing
4	79.007.078	Bracket
5	53.022.327	Bolt
6	66.030.081	Brake
7	66.028.064	Governor foot lever
8	00.580.0645	Sound filter
9	41.458.725	Cheesehead screw
0	M2.205.015	Bladder
1	63.030.572	Adjusting screw complete
2	71.010.318	Bushing with screw
3	04.010.094	Hand wheel (various)
4	27.005.034	Spring
5	63.030.505	Journal
6	63.030.510	Drive Gear with shaft
7	43.014.004	Delivery grippers (rubber)
8	MV.021.878	Gripper Urethane
9	52.580.362/7	Perfect gripper
20	43.020.035	GO/MO feeder gripper
21	52.581.027	Swan neck gripper
22	43.011.032	Shaft only ("MO")
23	66.028.063	Lever
24	58.353.006	Clamping eccentric plate
25	86.020.029	Feeder tape
26	RC1217524	Pneumatic air pipe
27	00.550.0943	Cam follower. MO
28	43.008.005	Ink duct clutch MO
29	43.010.182	Bolt for wash up trough
30	43.024.025	Hickey wiper
31	RC.1206853	Sucker (rubber)
32	62.015.520	Suction drum roller
33	43.022.064	Bolt
34	00.550.1472	Cam follower MO perfector
35	00.780.0475	Weko spray belt

# K Line



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4	Illustrations not to scale
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1	08.230.005	Support Bracket
2	08.010.104	Square block
3	08.010.102	Bracket for water trough
4	08.012.111	Bearing housing
5	08.012.114/5	Latch with shaft
6	42.011.024	Spring housing clamp
7	08.010.372	Connecting link
8	08.011.037	Pawl
9	08.011.035	Ratchet Wheel
10	08.008.023	Water feed segment
11	24.019.075	Stop bolt
12	14.019.030	Stop lever
13	04.007.292	Cylinder flange
14	14.022.023	Centre piece
15	28.010.353	Roller journal
16	24.010.370	Shouldered screw
17	24.010.081	Stop lever
18	04.349.005	Catch
19	28.010.175/4	Bracket, wash-up tray
20	04.010.047	Bearing guide block
21	04.015.068	Side jogger
22	05.016.007	Sucker complete
23	28.006.047	Journal box lever
24	08.010.356	Tension spring
25	08.009.078	Guide bracket
<b>26</b>	04.010.094	Hand wheel
<b>27</b>	04.015.019	Hand lever
28	08.010.095	Handle
29	04.010.048	Journal box
30	28.006.355	Journal box insert
31	28.010.365	Forked lever
32	08.012.010	Stop bolt
33	RC.120.6906	Support for brake shaft
34	04.019.025	Spring
35	04.015.053	Support bracket

Description

# K Line

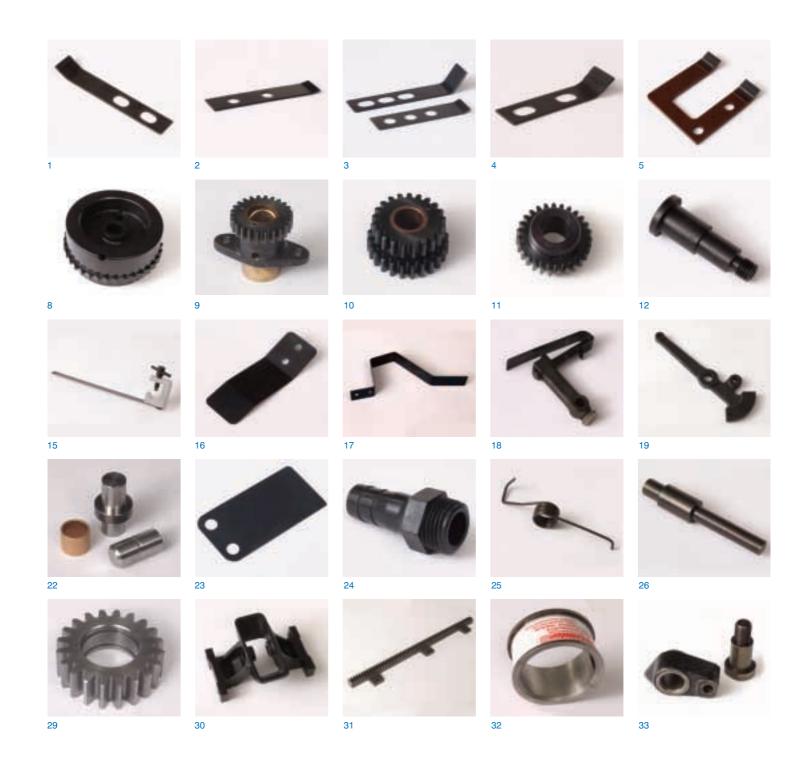


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	Part No.	Description
1	14.021.019	Mounting stud
2	08.014.096	Chain guide
3	04.015.112	Plastic finger
4	04.015.088	Trip plate
5	04.015.101	Fork lever
6	04.014.009	Coil spring
7	04.015.121	Stop nut
8	14.014.085	Vacuum sheet brake
9	14.015.021	Jogger finger
10	04.018.015	Lubrication plug
11	14.232.027/8	Guide plate & collar
12	01.232.038	Rubber seal
13	01.232.007	Plastic nut
14	01.022.016	Back sheet stop
15	04.020.035	Feeder gripper & backing plate
16	14.875.001	Delivery gripper
17	08.011.027F	Cylinder gripper
18	08.010.346	Spring rod, with eye
19	01.016.044	Eye only
20	24.019.072	Cutout lever
21	04.013.042	Swing gripper
22	04.018.010	Pump valve cut-off lever
23	04.022.038	Spring tongue
24	04.017.083	Separator spring 45°
25	08.891.021	Card/sheet guide
26	00.250.0086	Screen filter
27	04.017.053	Bevilled gear
28	04.017.036	Connecting bracket
29	04.013.103	Front lay
30	01.012.032-5	Separator springs
31	54.015.089	Thumb screw
32	04.022.069/01	Brush only
33	04.022.036	Sheet smoother
34	36.017.084	Rubber separator
35	14.022.003	Centre piece

# S Cylinder



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		≣ <b>1</b>	03.014.051	Carriage Gripper
		1 2 3 4 Fillustrations not to scale	03.014.019	Backing plate
		3	03.020.035	Feed gripper
	-	10 80	03.014.004	Delivery gripper
		<u>a</u> 5	06.011.085	Double gripper
		6	03.011.027	Cylinder gripper bronze tip
	.500	7	03.011.027	Cylinder gripper rubber tip
6	7	8	03.017.081	Feeder ratchet drum
		9	03.017.052	Flanged gear (T.lift)
	•	10	03.017.096	Double gear
	0	11	03.017.093	Feed table lift gear
	10/20	12	03.015.068	Bolt - table lift
1	2	13	03.017.046	Ratchet pawl (feeder)
		14	03.022.004	Lay bracket D.S.
		15	03.022.036	Sheet smoother
13	14	16	03.022.038	Flat spring
		17	03.022.048	Spring steel sheet brake
	1211	18	03.017.074/5	Sheet holder
	-	19	03.017.025	Lever only
	X	20	01.016.016	Connecting piece
		21	01.013.010	Shouldered pin
		22	03.018.012/13	Pump pin straight
			03.018.005	Bush
20	21	23	01.018.012	Plate spring
		24	01.018.007	Hoze nipple (1/2" bore)
		25	03.018.033	Air pump valve spring
-	Contract of the contract of th	26	05.019.075	Stop bolt
OE 1933	1	27	05.019.081/2	Plunger with roller
C Brown		28	27.011.016	Screw for clamp
	-	29	03.006.009	Bearing rail pinion gear
		30	03.006.007	Winged casting
27	28	31	03.001.017	Rack
		32	03.003.016	Big end bearing
		33	03.007.008/5	Chase lock casting
		34	03.007.010	Chase locking bolt & nut
	1000	35	05.011.055	Impression cam/eccentric

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Part No.

Description

# S Cylinder



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		illust 1	03.017.081	Feeder ratc
_ 0		1 2 3 4 E	03.015.028	Gear (Del. t
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	- O A	to sc 4	03.015.030	Gear (Del. t
		<u>a</u>	03.015.033	Delivery rate
	-00	6	03.015.037	Del. ratchet
		7	Rubber sucker	See misc. li
6	7	8	05.014.072	Track cam k
		9	03.014.066	Driving cran
	Janes De la Contraction de la	10	03.014.065	Connecting
1700		11	03.014.048	Quadrant g
		12	03.014.062	Pinion gear
		13	03.014.018	Delivery spl
SAMME.	A STREET, ST.	14	03.014.074	Gear interm
	- Addition	15	03.014.073	Shaft for S1
13	14	16	03.014.036	Gear interm
		17	03.015.115	Jogger plate
742.1		18	03.015.116	Jogger plate
	0-	19	03.015.022	Ejector finge
		20	03.015.021	Ejector finge
130		21	Delivery cable	See misc. li
-	4	22	RC1217436	Chain link
		23	03.015.114	T-bar for sid
20	21	24	03.014.026	Locking tab
		25	03.014.007	Roller lever
and the same of th		26	03.010.118	Shoulder so
		27	03.011.035	Ratchet who
		28	03.011.037	Ratchet pav
	-	29	03.011.047	Impression
		30	03.013.033	Cam follower
		31	RC1217619	Bush for sw
27	28	32	03.012.066	Knurled thu
		33	66.072.219	Knurled thu
and the		34	RC1217643	Planet gear
Timil		35	RC1217647	Planet gear

chet drum table lift) 19 teeth table lift) 20 teeth table lift) double atchet arm et arm & pawl listing kit ank g rod (dog bone) gear ar olit gear mediate delivery 31468 mediate delivery ate with pin (large) ate with pin (small) ger shaft linkage ger only listing ide Del. jogger ιb er S-line screw heel (packing bar) awl, impression cylinder n gripper bar lever swing gripper umb nut umb screw

Description

### Electrical



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1 RC1217264 Contactors RC1217255 Push buttons 3 RC1217259 Two position switch Slow down motor RC1206576 RC1206695 Magnet RC1217299 Lamps RC1217333 Indicator lamps RC1217279 Overloads RC1217310 Auxiliary contacts 10 RC1217256 **Emergency stops** Safety switches RC1217307 11 12 RC1206696 Magnets 13 RC1217315 Light units 14 RC1217290 Brushes 15 RC1217282 Contacts 16 RC1217274 Push button contact block Pilot lights 17 RC1217260 18 RC1217272 Limit switches 19 RC121284 **Transformers** 20 RC1217336 Push switches 21 RC1217251 Bottle fuses 22 RC1217267 Auxiliary contacts 23 RC1217293 Pilot lights 24 RC1217287 Isolators 25 RC1217296 Limit switches 26 RC1217263 Rotary switches 27 RC1217302 Chokes 28 RC5029987 Compressor vains 29 RC1217268 Auxiliary contacts 30 RC1217304 Relays 31 RC1217306 Guard switches 32 RC1217277 Limit switches **Sheet counter** Sheet counter RC5029936 Safety switch 34 35 RC1217288 Compressor filters

Description

### Varn



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6	illustrations not to scale
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1	90850	L&R seals (sold in pairs)
2	92750	Adaptor base assembly
3	94820	Metering roller (all models)
4	92304	Guide
5	95650	Nozzle bracket
6	92772	Calibrated Varn bottle
7	854135	PH testers
8	94900	Cleaning seal (pack 12)
9	92760	Dispensing valve assembly
10	94810	Forme roller (all models)
11	91909	Short cap screw
12	92778	Blue syringe
13	92055-91417	Ball knob & stud
14	Bearing	Ball race
15	91450	Seal kit R/H & L/H
16	92750	Adapter base assembly
17	91470	Oscillator roller (all models)
18	92174	Metric alignment block
19	92779	Red bird syringe
20	91622	Drive spindle
21	95697	Clamp block
22	91406	K3 spring arm
23	92740	Bottle valve housing
24	91423	Oscillating retainer
25		Spring
26		Spring
27		Forme roller gear
28		Various tools
29		Screw
30		O ring
31	91424	RH Oscillating retainer
32		Shouldered screw
33	_	Metering roller ecc
	Valve	Alc. unit valve
35	Filter	Alc. unit filter

Description

# Misc



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Description RC1217581 Assorted furniture 1 2 RC1206750 Letterpress quoin 3 RC1206651 Quoin key RC1217559 **Jackets** 5 00.530.0012 Rivet 6 RC1217312 Wash-up-blades Assorted grippers 7 RC1217642 8 03.301.003/4 Guide piece with screw 9 RC1217571 Spanner set Allen key set 10 RC1206619 11 03.024.061/2 Oil & grease gun 12 03.024.020/1 Tommy bar 11mm plate spanner 13 42.024.005 Air filter 14 00.580.0741 15 RC1206585 Ball race Oil light bush 16 RC1217470 17 RC1206578 Needle bearing 18 RC1206703 Trolly wheel 19 RC1217561 Duct foil, netting, blankets 20 RC1217551 M/C. oil, grease 21 RC12117549 Varn chemicals 22 RC1217547 Varn chemicals Del cable S.cyl 23 03.015.039 23 04.015.039 Del cable K line 24 RC1217344 Standard No. box parts 25 RC1217346 Convex No. box parts Air hose, all types 26 P1217524 Felts QM 27 P1207035 28 Inkers Inking rollers 29 M2.205.015 Bladder 30 RC1206853 Assorted suckers 31 42.024.006 Various T-spanners 32 P1217363 Rubber separator Thimble filter 33 P1217355 34 P1217419 Sheet brush

Perf arm

Part No.

35 42.731.040

# Ray Canter, Print Engineers Terms & Conditions of Contract

- Any provisions or conditions of the customers order which conflict with or are in addition to the Company's terms of business and conditions of sale shall be excluded from the contract of sale unless otherwise expressly agreed by the Company in writing.
- 2) No employee of the Company has the authority to make variations, additions, or amendments to the above terms and conditions of sale without the official written approval of the Company.

### Credit Account/Payment Terms

- 3) a) Customers wishing to open new monthly credit accounts must submit one Bank and two satisfactory trade references. Unless otherwise agreed in writing payment must be made to the Company by the 30th. day following despatch of invoice and ( without prejudice to any other rights of the Company) interest will be payable on all overdue accounts at National Westminster Bank Base Rate plus four per cent. The cost of recovering any overdue accounts shall be paid to the Company by the Customer. All accounts are due and payable to our head office.
- b) Failure to make payment on any due dates shall constitute a breach of the contract and the Company may treat the whole contract repudiated and act accordingly, or they may, before carrying out any further work or before making any further delivery against any order require payment thereof and all other accounts then due.
- c) The Company reserves the right to deliver in more than one consignment and to invoice each consignment separately.

### **Orders**

- 4) a) Orders whether sent to us direct or given to our representatives, or whether verbal or in writing, do not constitute a contract until they have been accepted by us / written acknowledgement.
- b) Unless otherwise agreed by the Company in writing, in the event of cancellation by the Customer of an Order after the same has been accepted by the Customer shall pay to the Company by way of liquidated damages a sum equal to 15% of the value of the Order, such sum to be paid within 7 days of cancellation.

### Delivery

- 5) Prices, commencement of delivery and completion dates given with quotations are subject to receipt of orders within 30 days and the same are subject to revision, if necessary, for orders not placed within that period.
- 6) The time named for commencement and completion shall be adhered to as closely as possible but no responsibility is accepted by the Company for unforeseen delays. In the event of strikes, lockouts or combinations of workmen disputes, stoppages or works, non-delivery or delay in the supply of materials, or any other circumstances not within the control of the Company causing any delays in completing the contract the Company may suspend the work contracted for, and the period for completion shall be extended by the period of delay.

### **Retention of Title**

- 7) The Company shall retain the property in all goods supplied to the customer until those goods are paid for in full, provided that:
- i) Payments made by the Customer for goods supplied by the Company shall be applied first in payment for goods which the Customer has resold or otherwise disposed and secondly in payment of those goods in the Customers possession which are earliest

- supplied. The Customer shall maintain sufficient records to enable the foregoing provisions to be applied according to its terms failing which the Company may itself appropriate payments received from the Customer between goods supplied and resold and goods still in the Customers' possession in its unfettered discretion.
- ii) The Company may notify the Customer at any time that it requires the redilivery of all or any part of the goods it has supplied.
  - a) which are still in the Customers' possession;
- b) which have not been paid for, and it may itself enter the Customers' premises at any reasonable hours to repossess such goods;
- iii) The Customer shall ensure and keep insured, against all risks and all goods supplied by the Company while they remain the property of the Company.

### **Return of Goods**

8) Unless otherwise agreed by the Company in writing, goods supplied correctly, that is supplied in accordance with the Order, cannot be accepted back for credit.

### Warranties

- 9) a) Except where goods are supplied on the express advice of the Company, given in writing, that they are suitable for a specific purpose, it shall not be a term of a contract that goods are sold as fit for any specific purpose, and this notwithstanding that the Company may be deemed to have knowledge of the purpose for which the goods are required.
- b) Where the Company is requested to advise the Customer on any aspect relating to the contract, the Company warrants that it will use all reasonable skill and care in the giving of that advice.
- c) In respect of complete second-hand machinery sold by the Company to the Customer, the Company will repair or replace the machinery at the Company's option free of charge in the event of defects arising and being notified to the Company within six months of the delivery of the machine to the Customer. Such warranty shall not apply to defects caused by misuse of the machines by the Customer or arising from damage caused by the Customer or others. The Company shall not be liable for any expenditure incurred by the Customer in repair or attempted repair to the machine by the Customer or others, neither will the Company be responsible for any damage that may be suffered by such machine in consequence. In the event of repair or attempted repair by the Customer or others, this Warranty shall be null and void.
- d) The above warranties are given in lieu of and exclude all other warranties, guarantees or assurances, whether express or implied, statutory or otherwise.
  - e) Amendment to warranties : see Sales Contract, if applicable.

### **Consequential Loss**

10) The Company shall not be liable for any consequential loss howsoever arising, except in the case of death or bodily injury to any person.

### Acceptance

11) Acceptance of the Company's goods and all credit facilities constitutes agreement to the above terms and conditions.

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