English





BALL DISPENSER

MICROLINE 8

RANGE SERVANT[®]

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1.1 General information

1.1. Preface

Thank you for choosing a Range Servant machine.

This User's Manual contains all the information necessary to fully understand the maintenance and operation of the machine.

Study the User's Guide carefully before using the machine. If these instructions are not followed, persons using the machine might be injured or the equipment itself be damaged. In many cases, following the instructions is a necessary condition for Range Servants' warranty to be applicable. Every person operating the machine must read these instructions.

No part of this publication may be reproduced without the written authorisation of Range Servant.

We offer a limited one-year warranty on our Ball Dispensers. This does not include payment systems and normal wear and tear. Study the warranty conditions carefully and keep them in a safe place. If you have any questions, or if problems should arise, please contact your Range Servant representative.

ONE-YEAR WARRANTY

Range Servant AB hereby undertakes to provide a warranty on material and function on the RANGE SERVANT dispenser for one year from the date of delivery. The guarantee does not cover payment systems and wearing parts. This engagement applies to repaired or replaced components for a period of three months. This undertaking only applies to the original purchaser. It also applies only to shortcomings of those parts, which the manufacturer verifies after due inspection. Repairs or replacement of parts may only be carried out by a representative authorised by the manufacturer. The manufacturer also guarantees that the equipment delivered matches the product description supplied. THE UNDERTAKINGS SPECIFIED IN THIS AGREEMENT CONSTITUTE THE MANUFACTURER'S OBLIGATION TOWARDS PURCHASER. SOLE THE THE MANUFACTURER IS IN NO WAY RESPONSIBLE FOR ANY UNDERTAKINGS OUTSIDE THE FRAMEWORK OF THIS WARRANTY CERTIFICATE. Neither is the manufacturer responsible for any undertakings given by any outside person during the sales negotiations. The warranty agreement does not apply to equipment that has been repaired or replaced by persons/companies not authorised by the manufacturer. The manufacturer's warranty undertaking does not apply if the equipment is used incorrectly, if it has been damaged through improper maintenance or accidents or if it has been handled in a way not specified in the manual which is supplied with the dispenser upon delivery. The manufacturer is also free from financial liability for any type of injury that may arise in connection with the sale and repair of the equipment and from injuries to third parties in conjunction with its use.

1.2. EC Declaration of Conformity

In accordance with the Machine Directive 89/392/EEC, annex IIA.



The Manufacturer:

Range Servant AB Skallebackavägen 11 SE- 302 41 HALMSTAD Sweden

The Representative:

(To be filled out by a representative established within the EU)

	Company
	Address
	Telephone
Declare that:	Ball Dispenser
	Туре
	Serial no., manufacturing no. etc.

A) is in conformity with Council Directive 89/392/EEC of 14 June 1989 concerning approximation of the laws of the Member States relating to machines in particular as referred to in Annexe I to this Directive concerning essential health and safety requirements in connection with the design and manufacture of machines, as amended by Council Directive 91/368/EEC of 20 June 1991 on the amendment of Directive 89/392/EEC concerning approximation of the laws of the Member States relating to machines;

B) (if applicable)

are manufactured in accordance with the following regulations, directives etc.:;

C) (if the requirements under A have been fulfilled) that the harmonised standards 292-1, 292-2 and 292-2A (or parts thereof) have been applied

D) *(if applicable)* are manufactured according to the following national standards and technical specifications:

Halmstad,	Date
Elvis Knez President	Signature

1.3. Description

1.3.1 Ball Dispenser

The Ball Dispenser can be used either as a stand-alone machine or it can be integrated into a complete, automated system - the Range Servant Ball Management System.

The user-friendly ball dispensers from Range Servant are designed to accept different types of payment and to deliver, quickly and consistently, the exact number of balls. Prices are differentiated and several payment methods can be used in parallel. The number of dispensed balls per payment can be easily changed by the user himself. The balls are handled with care and only undamaged and clean balls are delivered to the player.

1.3.2 Ball Management System

Range Servant can deliver a complete, flexible Ball Management System adaptable to any kind of driving range requirements. The Ball Dispenser can be combined with the work-efficient, environment friendly Ball Washer. The Ball Washer in turn can be connected to the Elevator, the Conveyor Belt or the Blower for the transport of clean, undamaged balls from Washer to Dispenser. The system also includes a Ball Picker machine picking up used balls from all over the driving range. Thus the circle is closed and manual work reduced to a minimum.

By applying our extensive know-how to the specific problems of every driving range we are able to offer tailor-made solutions.

1.4. Identification

When contacting Range Servant, please identify your machine with the help of the information contained in the identification plate. The identification plate is well visible and firmly attached and contains the following information:

- Name and address of the manufacturer
- CE-marking
- Designation of series or type of machine
- Serial no., if any
- Year of manufacture

+ RANGE SERVAN	T°
RANGE SERVANT AB, SE-302 41 HALMSTAD, SWE	DEN
TEL. +46-10135-109240 WWW.RANGESERVANT.0	OM
MANUFACTURING NO	CE
MODEL/TYPE VOLTS/KW	
(The second sec	The second secon

Fig. 1: Product identification plate

Technical specifications 1.5

General	ML-8
Capacity [balls]	8 000
Settings [balls/turns]	9-17
Settings [turns/ payment]	1-999
Dimensions:	
Height [mm] /([in])	1476 / 58.1"
Height with open lid [mm] /([in])	1950 / 76.8"
Width [mm] /([in])	1012 / 39.8"
Depth [mm] /([in])	760 / 29.9"
Weight, with balls [kg]	462
Weight, without balls [kg]	95
Electric system:	
Mains voltage (V, 50 Hz)	230
Control voltage (V, DC)	12
Effect, feeding motor (W)	70
Operating Conditions:	
Operating Temperature [°C] /([°F]) +2 -	+50 <mark>°</mark> C

ר_([_⊢]) 35.6F - 122 F

* Ball Washer and elevator not included

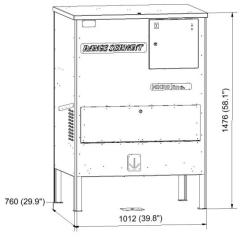


Figure 2: Ball Dispenser ML-8

The level of airborne noise has been measured for an identical machine under normal operating conditions.

The values indicate the sound pressure level measured 1 m from the sides of the machine and 1,6 m from the floor or access platform.

Sound pressure at the machine (dB, Peak) 86

Sound pressure at the machine (dB, A) 75 The manufacturer reserves the right to alter any details of the products without prior notice. Patents and patent applications:

DE 3889445.9, ES 2052777, FR 88850056.8, GB 0328855, IT 25055BE/94, NL 88850056.8

2. Safety

2.1 General

Safety measures are a combination of measures taken by the manufacturer when designing and building the machine and measures that have to be taken by the user.

The machine has been designed to function for its intended purpose. It has been designed and manufactured in such a way that configuration and maintenance can take place with the least possible risks to the operator, provided such work is carried out according to the instructions laid down in the User's Manual.

The objective of the safety measures is to eliminate all accident hazards during the operational life of the machine which also includes the assembly and dismantling of the machine, including any hazards arising as a consequence of such abnormal circumstances as can be anticipated.

Accessories and spare parts that have not been approved by Range Servant can lead to personal injuries and/or equipment damage and affect the operational reliability of the machine. For the sake of safety you should therefore exclusively use accessories and original Range Servant spare parts recommended by Range Servant.

Such accessories and spare parts are specially intended for the machine and are approved by us with regard to safety.

All Range Servant retailers keep accessories and spare parts at your disposal along with competent advice. They also have the technical qualifications necessary for installing your machine and are informed about what technical changes are authorised.

Damage caused by the use of accessories and spare parts not having been approved by Range Servant and damage due to unauthorised technical modifications are not covered by the warranty obligation.

2.2 Conformity with mandatory requirements

The Range Servant ball management machines fulfil the personal safety requirements of the EU Machine Directive 89/392/EEC as amended by Directives 91/368/EEC, 93/44/EEC and 93/68/EEC, with a special reference to Annex I of the Directive concerning essential health and safety requirements in connection with the design and manufacture of machines, as amended by Directive 91/368/EEC. Furthermore the harmonised standards 292-1, 292-2 and 292-2A (or parts thereof) have been applied.

The electrical equipment fulfil the safety provisions laid down in the EU low voltage directive 73/23/EEC, as amended by directive 93/68/EEC.

2.3 Remaining risks

There are warning signs serving as a reminder and warning to the user of any remaining risks, i.e. risks that we have not been able to eliminate, or sufficiently minimise, in our design and against which technical safety measures do not provide complete, or sufficient, protection. The warning signs shall be written in the local language and, on request, in the language understood by the respective operator. The signs are yellow with black characters. They are big enough to be readable from a distance of three meters.



Fig. 3: Warning signs on front hatch

Always disconnect the power supply to the machine before carrying out maintenance or service work. The mains switch is located in the control box in the lower right hand corner of the printed circuit board.



Fig. 4: Warning signs in control box

- Never touch the circuit board or other electrical components in the control box. They can be current conducting and cause injury to person and/or equipment damage
- Mechanical or electrical alterations may only be undertaken in consultation with Range Servant.

2.4 Authorised use

The ball-dispensing machine may only be used for the distribution of golf balls. For the machine to operate properly, the balls must be clean and undamaged or else they may get stuck and cause machine failure.

Distribution of balls may only start provided the machine has been installed according to the instructions contained in this Manual.

2.5 Unauthorised use

Using accessories or spare parts not recommended by Range Servant might cause personal injury and/or equipment damage and affect the operational reliability of your ball dispenser. For safety reasons, use only those components recommended by us. They are intended for your machine, they have been chosen for safety reasons and they are approved by the manufacturer.

Damage caused by the use of accessories and spare parts not having been approved by Range Servant or damage due to unauthorised technical changes are not covered by the warranty obligation.

2.6 Emergencies

2.6.1 Fire

Water shall be used as an extinguisher in the event of fire, except if the fire is located in the electric equipment, where a carbon dioxide extinguisher must be used.

2.7 Operational reliability

For trouble-free operation and long service life the instructions below should be followed:

- Place the ball-dispensing machine on a firm and level surface.
- Place the machine under cover so that only the front is accessible to members of the public. If the machine is card-operated it <u>must</u> stand under cover for the warranty to apply.
- Never strain the machine by loading it with more balls than recommended. The loading capacity for your machine is stated in the Technical Specifications at the end of the Manual.
- The machine should be connected to its own wall socket to prevent interference with its electronic system.
- Make sure that the electric box is always properly shut and covered when rinsing the machine. Moisture and water can damage the electrical components.
- When cleaning inside the dispenser never spray water directly onto the electric motor.
- By temperatures below 2°C the machine should be equipped with a warm air fan or, as the case may be, the water supply should be closed off, in order to avoid ice building up inside the ball dispenser.

3. How to use the Ball Dispenser

3.1 Necessary qualifications

Due to the complex design and operation of the machine the person carrying out service and maintenance work must have the necessary qualifications. He is required to have attended a training course, in the form of a comprehensive study of the User's Manual, followed by a written statement to the fact that he has well understood its contents.

If the person has to be absent from work for more than three months, training has to be repeated.

3.2 BA-99 Control System

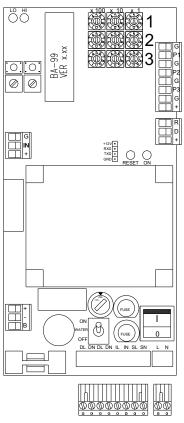


Fig. 5: BA-99 Control System

3.2.1 Introduction

The BA-99 system has three payment channels marked P1-P3 allowing the user to choose between three different amounts of balls to be dispensed ranging from 1-999. The desired amount is selected with the help of the nine knobs located to the left of the terminal block G – P1-P3. More details are given in the following chapter "Getting started".

Payments can also be made during the dispensing process and will then be accumulated. A green LED marked ON is lit to indicate that power is on and a red LED marked DEP to indicate that payment has been registered and that the machine is

prepared to dispense balls. The system is also equipped with a small circuit card consisting of two LED's, a green and a red one, giving continuous information to the user. Green LED indicates that mains supply is on and red that payment has been made and that machine is in the process of dispensing.

3.2.2 Getting started

The number of balls being delivered is determined by the number of turns made by the motor. With each turn of the motor a multiple of 9-17 balls is dispensed, see figure 25. You can decide yourself how many balls you wish the machine to dispense per payment as well as how many turns the machine shall make per payment. The Ball dispenser accepts different payment methods and you are free to decide whether the machine shall make the same number of turns for all the different payments methods or not.

Connect the Ball Dispenser to the 230 VAC mains supply.

Adjust the ball dispensing knobs for the respective payment channel according to wish. Make your payment and check that the motor makes the correct number of turns and that the correct number of balls are dispensed.

Example:

Payment channel 1

2 turns x 100 = 0

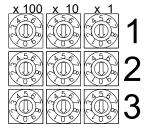
х	10 = 0
Х	1 = 2

Payment channel 2

Х́	100 = 0
х	10 = 0
х	1 = 4
	X

Payment channel 3

12 turns	x 100 = 0	
	x 10 = 1	
	x 1=2	



3.3 Payment Methods and Prices

The Ball Dispenser is equipped with an operating panel where the customer can select the desired payment method. The panel contains two LED's, openings for coins or tokens, and a slot for magnetic cards or bill scanner.

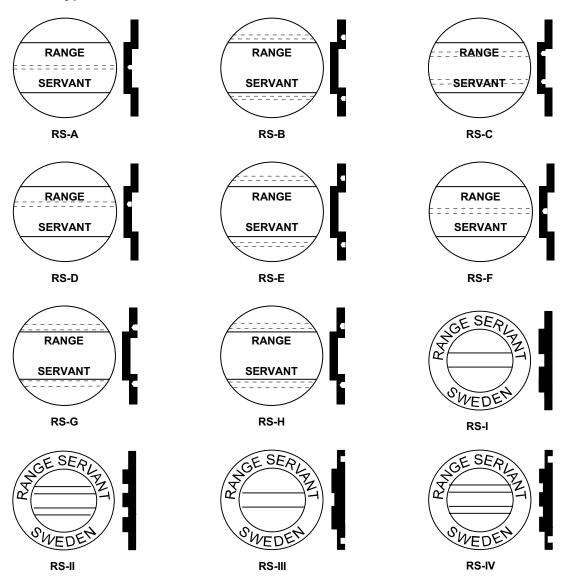
The ball dispenser is also compatible with the Select.Lite[™] software. Select.Lite[™] is a complete and user-friendly front end for managing and controlling a ball management system. The payment methods available for the Select.Lite[™] are the Select Members Card (MiFare), bar codes and tokens.

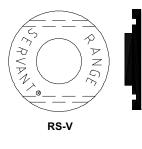
3.3.1 Range Servant[®] Tokens

Range Servant[®] has 16 different types of tokens for use in the Range Servant[®] mechanical token acceptor.

Token types: RS-I to RS-IX, RS-A to RS-H

There are also two types of tokens for use in electronic coin acceptors. **Token types:** RS-90, RS-91









RANGE

ERVAN

RS-VIII

S



RS-91



RS-IX

4. Design and function

4.1. General

The machine is intended for use as a golf ball dispenser. It consists of a ball magazine and is inside fitted with two plates on two levels for load reduction and, at the bottom, a grid.

The grid consists of a number of ball ducts, arranged next to each other, the ends being joined to form a hinged ball cradle. The depth of the cradle corresponds to the size of a golf ball. Thus, with each swing of the cradle only the numbers of balls inside the cradle are delivered to the ball chute.

All interior surfaces are inclined so that the balls are continuously flushed downwards. The lower level allows for damaged balls and debris to be sorted out.

All essential parts of the Ball Dispenser are manufactured of stainless steel, rust protected steel or aluminium.

The Range Servant Boll Dispenser has been designed in order to provide driving range owners with a long-lasting, reliable, practical and economic golf ball management system.

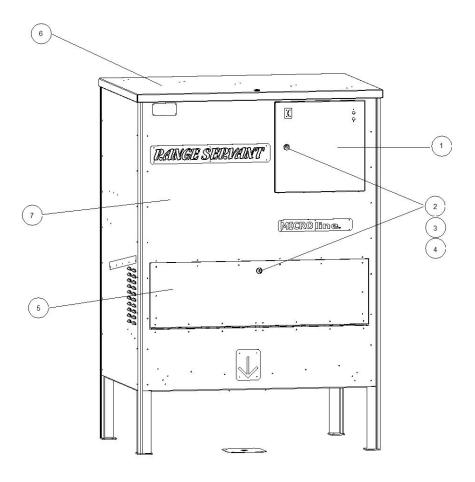


Fig. 6: Outside front view

Pos.	Designation
1	Control box door
2	Locks for control box, front hatch and lid
3	Shackle, front hatch lock and lid
4	Shackle, control box door
5	Front inspection hatch
6	Lid
7	Front panel

4.1.2 Machine interior

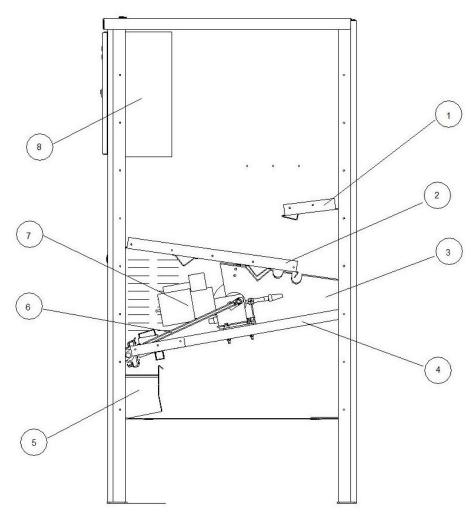


Fig. 7: Inside of the ball dispenser, side view

4.2. Description of components

4.2.1 Grid

The grid consists of a number of ball ducts, arranged next to each other, the ends being joined to form a hinged ball cradle. The depth of the cradle corresponds to the size of a golf ball. Thus, with each swing of the cradle only the numbers of balls inside the cradle are delivered to the ball chute.

All interior surfaces are inclined so that the balls are continuously flushed downwards. The lower level allows for damaged balls and debris to be sorted out.

4.2.2 Payment Methods

The ball dispenser can be operated with tokens, coins or magnetic cards. Each machine can run more than one payment system at the same time, for example combining token/coin or token/coin/card. The number of balls dispensed need not necessarily be the same for the different forms of payment (see the examples).

5. Maintenance

5.1. General

Range Servant will provide accessories and original spare parts together with competent advice.

Maintenance carried out correctly minimises defects and ensures maximum service life and reliable operation. Any malfunctions are detected at an early stage and are therefore easily corrected. Regular maintenance minimises defects and equipment breakdown.

The following maintenance instructions only refer to the most common problems and their causes.

5.2. Periodical maintenance

5.3. Maintenance intervals and instructions

Maintenance intervals:

- 1. After 300 operating hours
- 2. Once every month
- 3. Once every golf season

	Maintenance intervals and instructions	1	2	3
1	Machine exterior			
1.1	Lubricate the eccentric lock, the lid and front hatch locks and the hinges of lid and front hatch with ordinary lubricating oil.		Х	
1.2	Lubricate the eccentric lock, the lid and front hatch locks and the hinges of lid and front hatch with ordinary lubricating oil.			Х
2	Machine interior:			
2.1	Tighten the fixation bolts of the grid.	Х		
2.3	Lubricate the linking arms with ordinary lubricating oil.		Х	
2.4	The collecting pan should be opened and cleaned regularly, to prevent grit and other debris from accumulating in the pan and gradually leading to corrosion and blockage.			Х
2.5	If chemical fertilisers are used on the driving range, we recommend that the dispenser is cleaned thoroughly once a month to prevent corrosion of the machine's internal components. Cut the power supply to the machine, open the front hatch, remove grass and other debris and rinse with clean water.		X	
2.6	Empty the machine, sort out worn or damaged balls, stones and grit etc and clean the inside with normal clean water. (Do not spray water directly onto the electric motor.)			Х
2.7	Clean and dry the ball duct (located after the grid).			Х

3	Electronic components:		
3.1	If the machine is fitted with a magnetic card reader EMC-30 the reader head has to be cleaned. Moisten a piece of cloth with methylated spirit, wind it round the card and slide the card through the reader 5-10 times.		X

5.4. Troubleshooting and repair

Although the operation of the machine is most reliable, problems may arise for various reasons.

Attention!

To reduce the time spent on troubleshooting, always start by checking that cables and connections are clean and tightened.

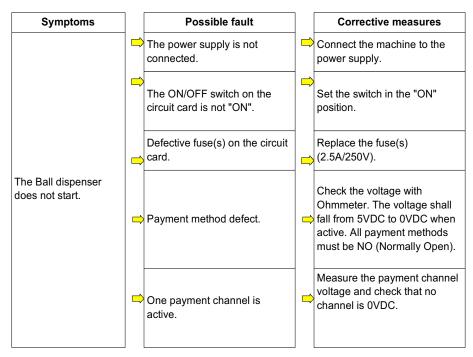


Fig. 8: Problem - the Ball dispenser does not start.

The BA-99 control system requires at least one pulse from the micro-switch every ten seconds. Else the machine will make three quick starts and then close the feeding of balls.

Symptoms	Possible fault	Corrective measures
	The micro-switch no. 105500 is not in the correct position, or has got jammed.	Check that the micro-switch is correctly positioned and has not got jammed.
The Ball Dispenser does not stop.	The supply voltage to the machine varies.	Connect the machine to a separate wall socket.
	➡ The magnetic coil no. 10540 is defective.	Check by disconnecting the automatic water feed. If the machine then works properly, replace the magnetic coil.

Figure 9:Problem - the ball dispenser does not stop

Symptoms		Possible fault		Corrective measures
		The machine is not standing on a level and firm surface.	⇒	Use a spirit level to check that the machine is level.
		The balls in the machine are dirty.		Empty the machine of balls. Clean the machine inside and rinse well. Fill the machine with clean balls - that have been run through the Range Servant washer.
The machine is running but does not dispense any balls.		By temperature below 2°C ice can have built up in the machine.		If ice has built up, disconnect the water supply so that the machine is emptied of water. Make sure the ice has melted before using the machine
		The ball cradle has got jammed.	⇒	Open the front hatch and remove the object jamming the cradle.
		The shock absorber is defective.		Replace the shock absorber.
	⇒	The motor shaft is damaged.	⇒	Replace the motor.

Figure 10: Problem – no balls are delivered

If nothing above works please contact your RS distributor. Buy the RS IT/Mech support/source package in www.rangeservant.com

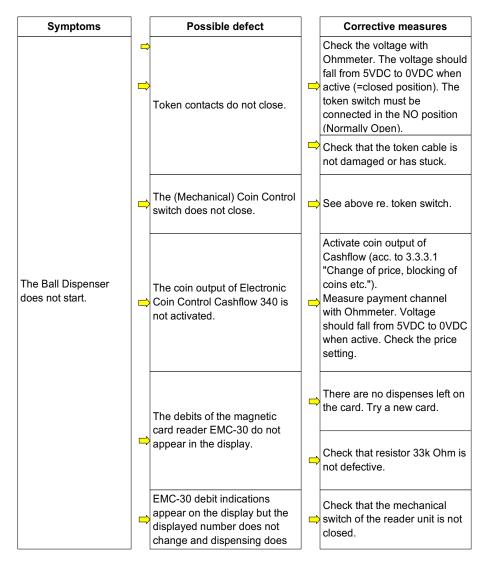


Figure 11: Problem – payment methods.

If nothing above works please contact your RS distributor. Buy the RS IT/Mech support/source package in <u>www.rangeservant.com</u>

5.5. Function test

After maintenance or repair work the operation of the machine should be tested by running the machine with the front hatch open. Insert a coin/token or payment card and check that everything works to satisfaction.

6. Installation

6.1. Factory testing and configuration

The ball dispensers are always tested and configured before delivery to the customer. On this occasion all the parameters of the control system are adjusted according the customer's wishes.

Our objective when carrying out this final check is to verify that the product corresponds on all accounts to the requirements laid down by the customer when ordering and to prevent defective products from being brought onto the market.

6.2. Installation of the ball dispenser

For trouble free operation, place the ball dispenser on a firm and level surface.

We recommend that the machine be located under cover and that only the front of the machine be accessible to members of the public. If the machine is card-operated, it <u>must</u> stand under cover according to the terms of the warranty.

Place the ball dispenser on a firm and level surface.

Remove the keys tied to the electric cable (see A) and remove the cable.

ATTENTION! Don't plug in the cable before the machine is ready to start.

The keys are identical and are used for opening the control box (see B).

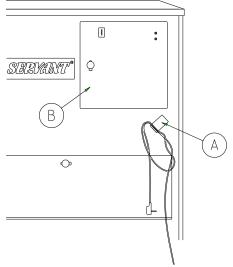


Figure 12: Location of the keys on delivery

Inside the control box there are another four keys, all identical, which fit the lid of the ball dispenser and the front inspection hatch.

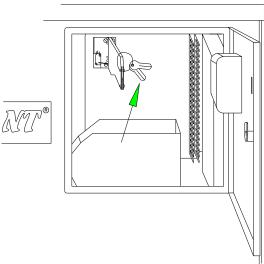
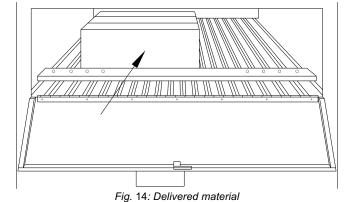


Figure 13: Location of keys in the control box.

Open the front inspection hatch and remove the package containing a plastic (PVC) pipe, a ball chute and the number of tokens you ordered for your machine.



Place the plastic tray inside the control box so that the tokens fall straight into the tray. If the machine is both token and coin operated, there will be two trays for sorting both forms of payment at source.

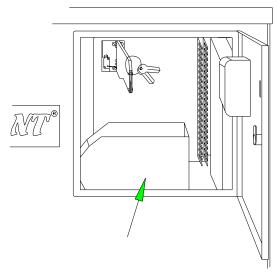


Fig. 15: Location of plastic tray.

You are free to determine the number of balls to be dispensed upon each payment.

Block the number of ball ducts required to obtain the desired amount of balls to be delivered each time. This is done by adjusting the number of pins (A) along the horizontal retaining arm according to the adjoining drawing and place the enclosed plastic pipes (B) in the blocked ball ducts that is closed to the centre.

Below is a table helping you to find out how many balls may be dispensed upon each payment.

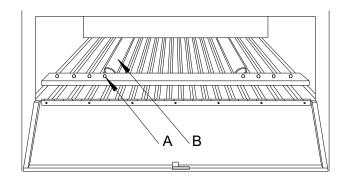


Fig. 16: Blocking of ball ducts

Possible number of balls upon each payment

	1-turn	2- turn	3- turn	4- turn	5- turn	6- turn	7- turn	8- turn	9- turn
8 pins	9	18	27	35	45	54	63	72	81
7 pins	10	20	30	40	50	60	70	80	90
6 pins	11	22	33	44	55	66	77	88	99
5 pins	12	24	36	48	60	72	84	96	108
4 pins	13	26	39	52	65	78	91	104	117
3 pins	14	28	42	56	70	84	98	112	126
2 pins	15	30	45	60	75	90	105	120	135
1 pins	16	32	48	64	80	96	112	128	144
no pin	17	34	51	68	85	102	119	136	153

Setting up number of balls on model ML-8.

Fig. 17: Possible number of balls upon each payment

6.3. Installation – Wiring Diagram

6.3.1 Wiring of Payment Systems

Token

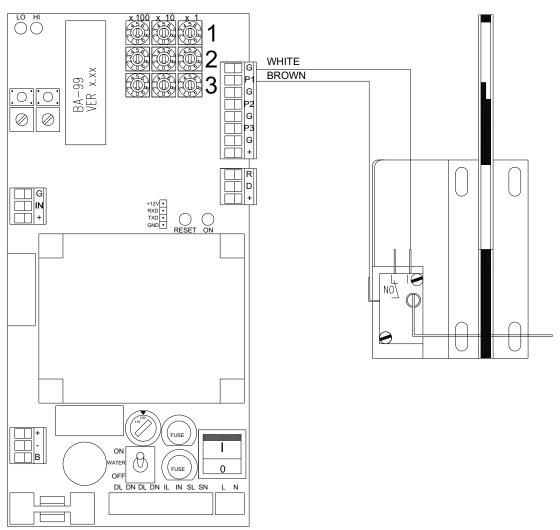


Figure 18: Wiring of the Range Servant Token Control.

The micro-switch for the token control must be connected as NO , Normally Open.

6.3.2.1 Mechanical Coin Control

The mechanical coin control is wired according to the same wiring diagram as the token control (see above "Token")

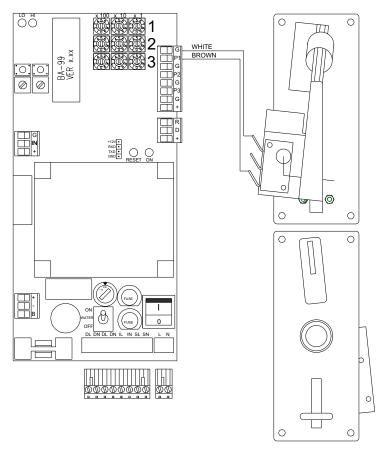


Figure 19: Wiring of the mechanical coin control

6.3.3 Cables

ATTENTION! No cables may be exchanged without the prior consent of Range Servant.

6.3.3.1 Cable Specifications

Unit	Cable Type
Mains supply	RKK 3x0.75mm ²
Motor (Dispenser)	RKK 3x0.75mm ²
Micro-switch	LIYY 3x0.75mm ²

6.3.2 Power supply

All machines can be supplied with 230/115 VAC +/- 10% 50-60Hz.

7. Spare parts

In this chapter you will find detailed drawings of the ball dispenser showing the location of the different spare parts. The tables accompanying the drawings contain information about spare parts number and designation and the quantity of each spare part installed per machine model.

()= Optional accessories are marked with a parenthesis around the digit representing quantity.

- = The alternative marked with "-" depends on the customer's choice of equipment.

Control box

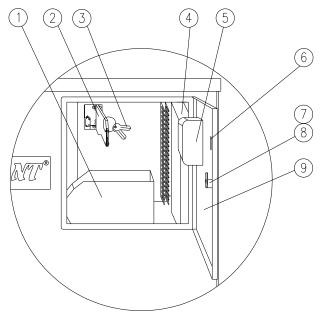


Fig. 20: Control box

Pos.	Part. No.	Designation	ML-8
1	109410	Token collecting tray, small	1
1	109400	Token collecting tray, large	(1)
2	108600	Token monitor	1
3	101920	Spare keys	-
4	930235	Printed circuit board BA-99	1
5	-	Coin monitor	-
6	-	Token slot	-
7	101900	Lock	1
8	101960	Shackle, control box door	1
9	-	Control box door	1

() Optional equipment within brackets

* Quantity per side

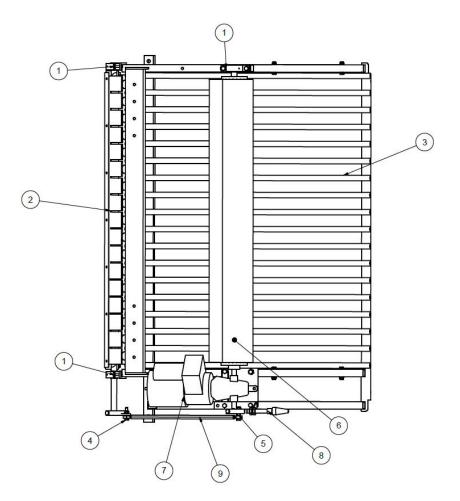


Figure 21: Grid viewed from above

Pos. Part No.			Designation	ML-8
1		104 650	Ball bearings	3
2		ML0000	Ball cradle	1
3		183 700	Grid	1
4		104 510	Linking spindle, left-hand thread	1
5		104 500	Linking spindle, right-hand thread	1
6		104 100	Roller brush	1
7		105 605	Dayton, Motor	1
8		105 500	Inductive Sensor	1
9		ML0009	6 edged shaft	1

7.1.1 Grid inside ball dispenser, viewed from above

• quantity per side

8. Retailers and representatives

The following list contains all the necessary information concerning the Range Servant representative closest to where you live.

The list is continuously updated on our home page http://www.rangeservant.com

8.1. Head Office

Sweden

Range Servant ABSkallebackavägen 11302 41 HALMSTADTelephone:+46 35 10 92 40Fax:+46 35 10 82 20E-Mail: sales@rangeservant.com

8.2. Your Sales Representative

MADE IN SWEDEN since 1986

Founded in Halmstad, Sweden in 1986, Range Servant's founder, Jordan Knez, saw a need to improve equipment for the golf industry. Using sustainability and durability as guiding principles, he combined his enthusiasm for golf and technical expertise to develop Sweden's first ball dispensers, washers, and ball pickers. In the early 90's, Range Servant expanded to the United States and developed a distributor network around the world. In 2023 we finally expanded into the UK with our own company. Range Servant handles nearly 10 billion balls annually and are considered the market leader in driving range equipment.

Range Servant produces and sells driving range equipment and solutions that manage the picking, washing, dispensing, and overall handling of golf balls. Each customer is unique, and we are always happy to assist with technical support, spare parts, installation, and project management. Range Servant offers a wide variety of accessories to round out a complete catalog of high-quality range equipment.

Our goal is to inspire the golfer to hit more balls and to help the range owner operate a carefree and more profitable business.

RANGE SERVANT®

RANGE SERVANT AB | Skallebackavägen 11 | SE-302 41 Halmstad | Sweden Phone: +46 35 10 92 40 | support@rangeservant.com | www.rangeservant.com

