



## RANCILIO 019-CLASSE9S3 Document Set Classe 9 Espresso Machine Datasheet

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*RANCILIO 019-CLASSE9S3 Document Set Classe 9  
Espresso Machine Datasheet*



## Document Set Classe 9

for more information / User manual



<http://www.ranciliogroup.com>

## Abbreviations

|                   |
|-------------------|
| <b><i>A24</i></b> |
| <b><i>BV</i></b>  |
| <b><i>CL</i></b>  |
| <b><i>CPU</i></b> |
| <b><i>CV</i></b>  |
| <b><i>EA</i></b>  |
| <b><i>EAR</i></b> |
| <b><i>EB</i></b>  |
| <b><i>EC</i></b>  |

***EF***

***EG***

***EH***

***ES***

***EV***

***F***

|                        |
|------------------------|
| <b><i>GR</i></b>       |
| <b><i>IG</i></b>       |
| <b><i>IL</i></b>       |
| <b><i>IR</i></b>       |
| <b><i>IS</i></b>       |
| <b><i>LC</i></b>       |
| <b><i>LGR1 - 4</i></b> |
| <b><i>LI</i></b>       |
| <b><i>M1</i></b>       |

|                 |
|-----------------|
| <b>MA1</b>      |
| <b>MA2</b>      |
| <b>MC</b>       |
| <b>MP</b>       |
| <b>P</b>        |
| <b>PA</b>       |
| <b>PV</b>       |
| <b>RC</b>       |
| <b>RGB1 - 4</b> |

***RS***

***RV***

***SA***

***SC***

***SDX***

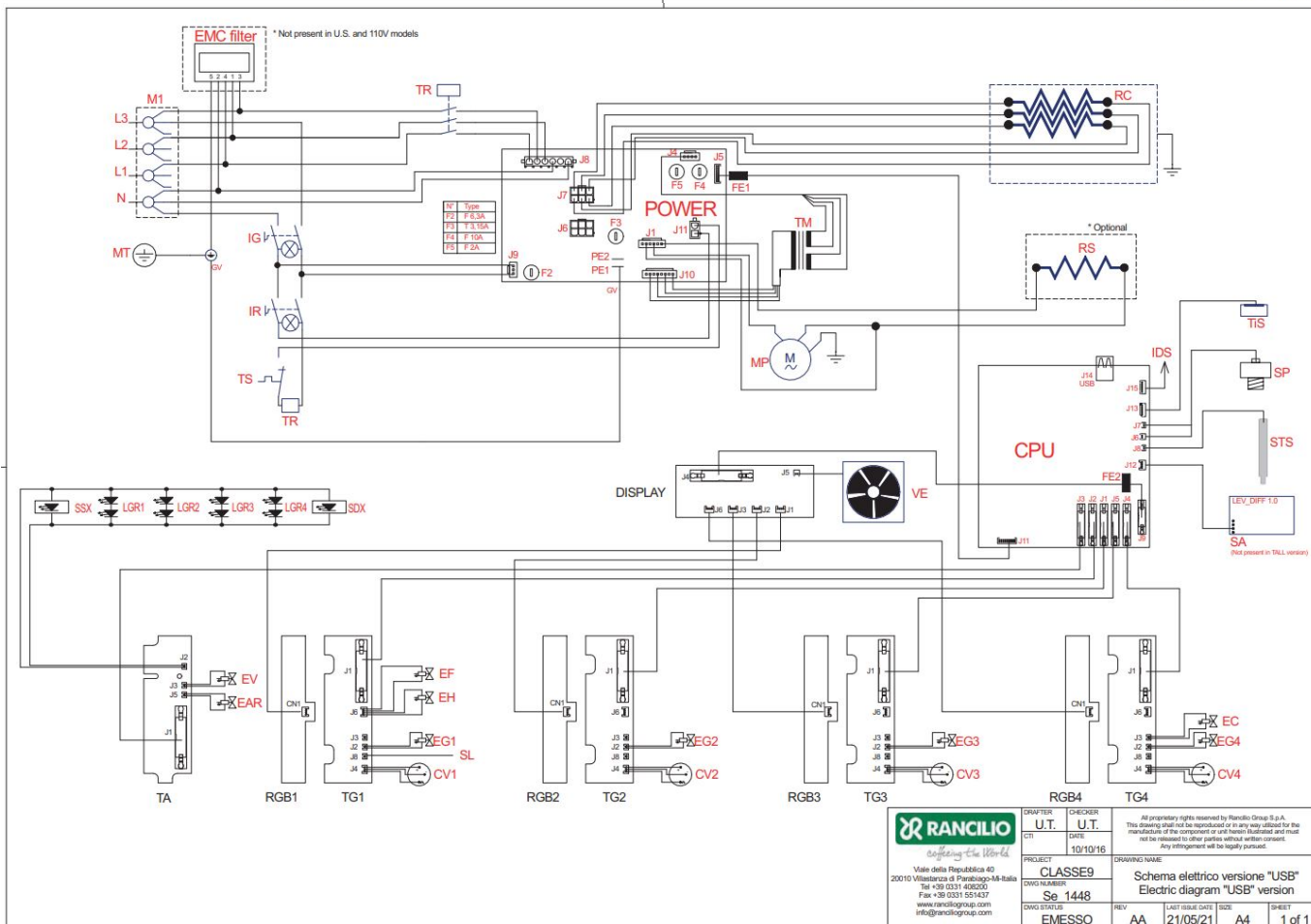
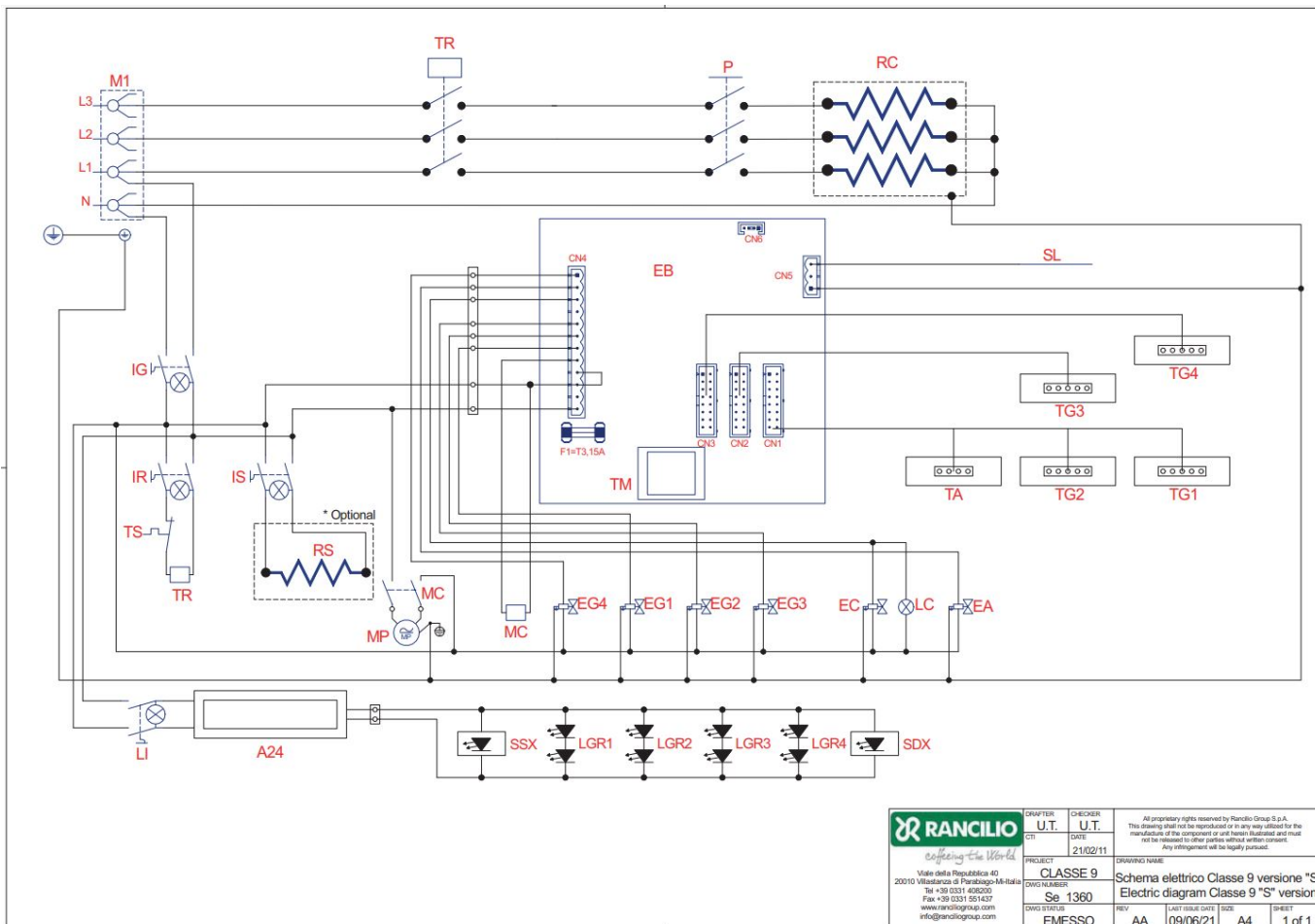
***SL***

***SP***

***SSX***

***STS***

|                       |
|-----------------------|
| <b><i>TA</i></b>      |
| <b><i>TG1 - 4</i></b> |
| <b><i>TiS</i></b>     |
| <b><i>TM</i></b>      |
| <b><i>TR</i></b>      |
| <b><i>TS</i></b>      |
| <b><i>VA</i></b>      |
| <b><i>VR</i></b>      |
| <b><i>VS</i></b>      |



## Contents

### 1 Mains connections

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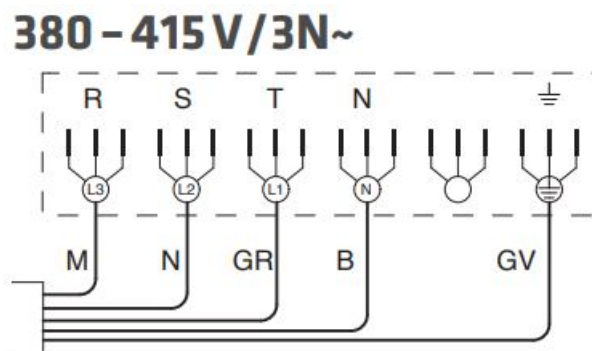
#### 2.1 References

### 3 Related Posts

## Mains connections

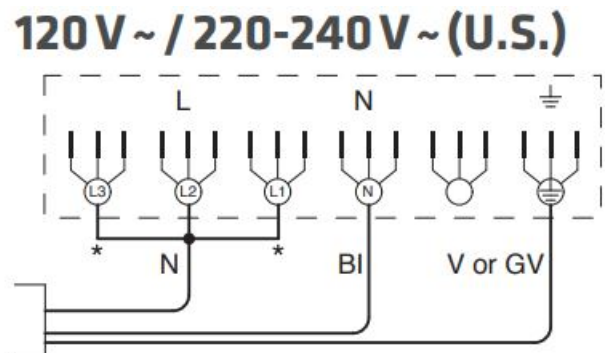
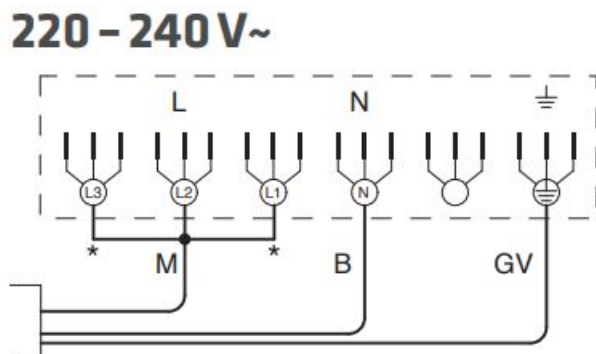
Ground conductor must be 9 cm longer than other conductors

Three-phase star connection with neutral



Basic configuration

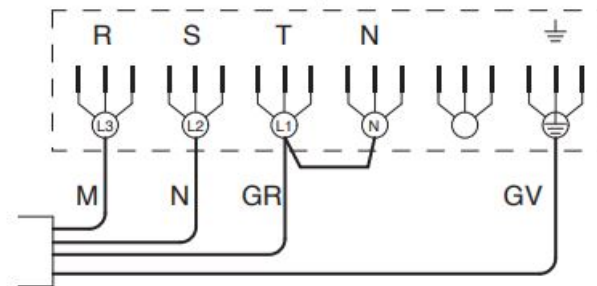
Single-phase connection with neutral



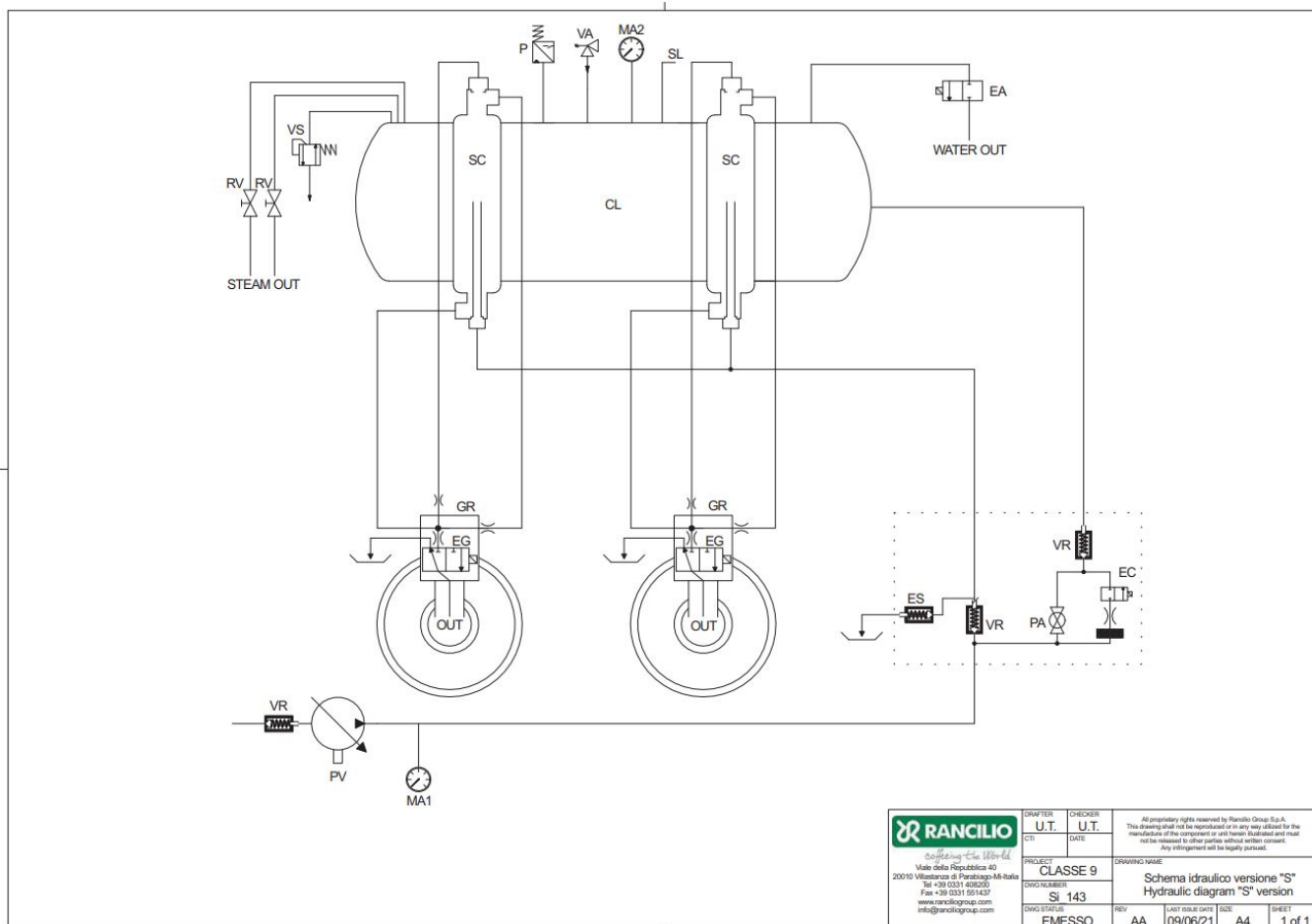
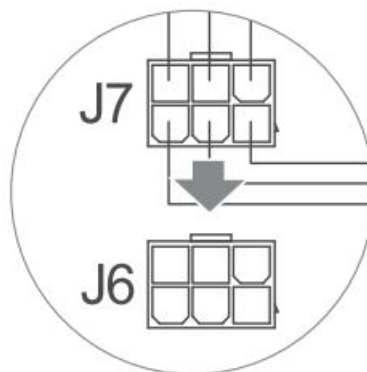
\* Jumpers are supplied

Delta connection

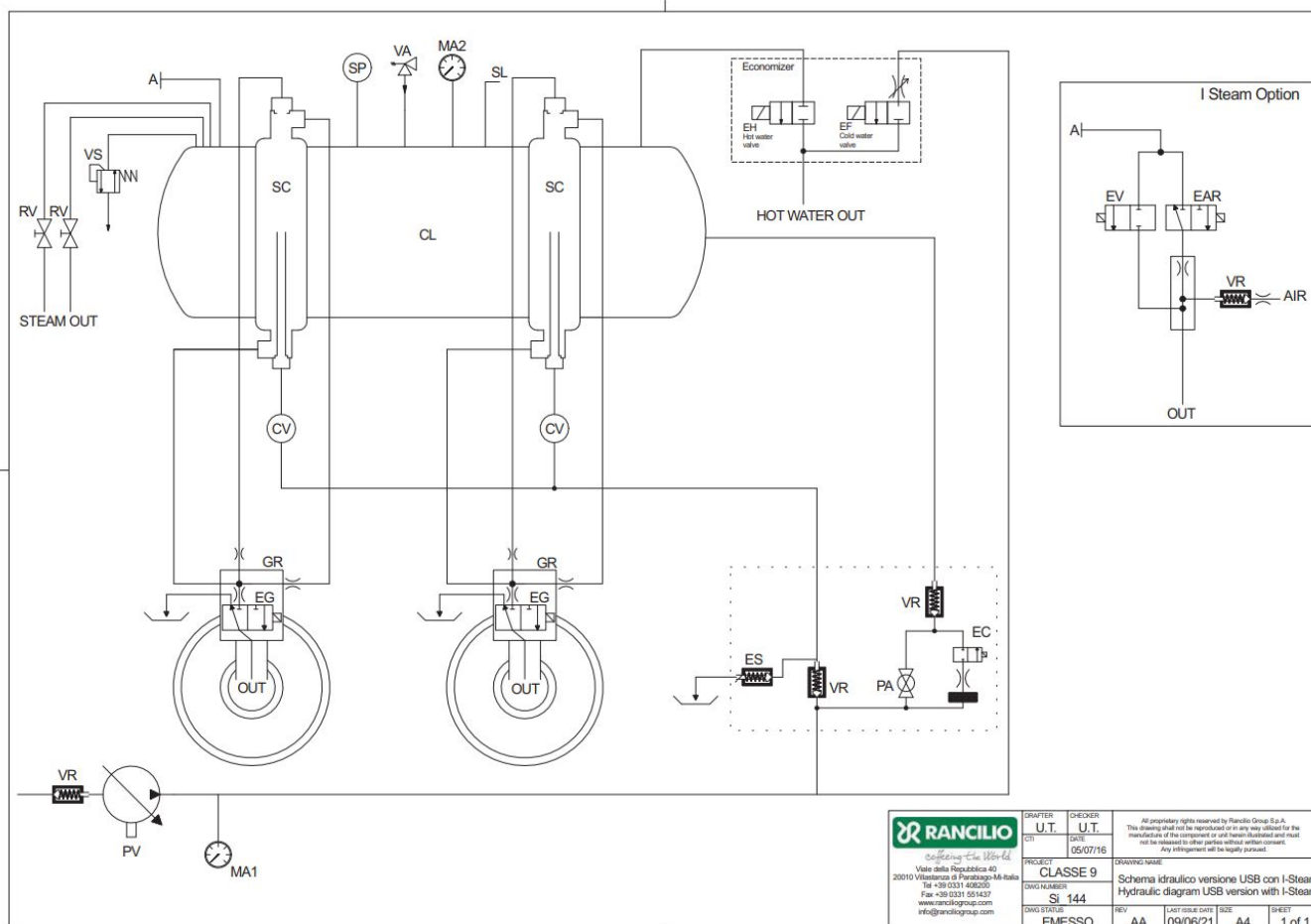
## 220 - 240 V 3~, Model USB



1. Connect cable as shown in the picture
2. Move connector from J7 (3 VN~) to J6 (3 V~)



|                                                                                                                                                                                                                                                                                                      |                             |                                    |                                                                                                                                                                                                                                                                                                              |                                                      |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--|
| <br><b>RANCILIO</b><br><i>refining the World</i><br>Viale della Repubblica 40<br>20010 Vizzanico di Parabiago-MI Italia<br>Tel. +39 0331 456210<br>Fax +39 0331 551437<br>www.rancilio.com<br>info@rancilio.com | DRAWER<br>U.T.              | CHECKER<br>U.T.                    | All proprietary rights reserved by Rancilio Group S.p.A.<br>This drawing shall not be reproduced or in any way altered for the<br>manufacture of the component or unit herein illustrated and must<br>not be released to other parties without written consent.<br>Any infringement will be legally pursued. |                                                      |  |
|                                                                                                                                                                                                                                                                                                      | CT1                         | DATE                               |                                                                                                                                                                                                                                                                                                              | DATE                                                 |  |
|                                                                                                                                                                                                                                                                                                      | PROJECT<br><b>CLASSE 9</b>  |                                    |                                                                                                                                                                                                                                                                                                              | DRAWING NAME<br><b>Schema idraulico versione "S"</b> |  |
|                                                                                                                                                                                                                                                                                                      | DWG NUMBER<br><b>SI 143</b> |                                    |                                                                                                                                                                                                                                                                                                              | Hydraulic diagram "S" version                        |  |
| DWG STATUS<br><b>EMESSO</b>                                                                                                                                                                                                                                                                          | REV<br><b>AA</b>            | LAST ISSUE DATE<br><b>09/06/21</b> | SIZE<br><b>A4</b>                                                                                                                                                                                                                                                                                            | SHEET<br><b>1 of 1</b>                               |  |



## Treatment of waste from electric/electronic equipment

Dispose of the product in accordance with current local regulations concerning differentiated waste disposal in dedicated waste disposal areas.

Do not treat as simple urban waste.

For any information please contact the manufacturer at the address specified in the user manual.



This product complies with the requirements of the new directives introduced for the environmental safeguard and must be disposed of appropriately at the end of its life cycle.

## EU DECLARATION OF CONFORMITY

RANCILIO Group S.p.A. con socio

Declares under his responsibility that the product: Espresso coffee maker.. for professional use

model: RANCILIO  
 CLASSE 9 XUSB 4/3/2 (CW)  
 CLASSE 9 USS 4/3/2 (CW)  
 CLASSE 9 S 4/3/2 (CW)  
 CLASSE 9 RE 3/2

to which this declaration relates, complies with the following directives: al quale è riferita questa dichiarazione, è conforme alle seguenti direttive:  
auquel se réfère cette déclaration, est conforme aux directives suivantes: auf das sich diese Erklärung bezieht, mit den folgenden Richtlinien übereinstimmt:  
al cual se refiere esta declaración, cumple con las siguientes directivas: às quais a presente declaração se refere, e com as seguintes directivas:

**2006/42/EC**

**Machinery Directive - Direttiva Macchine - Directive Machines - Maschinenrichtlinie - Directiva Máquinas - Directiva de Máquinas**

**2014/30/EU**

**EMC Directive - Direttiva EMC - Directive EMC - EMV-Richtlinie - Directiva EMC - Directiva CEM**

**2014/35/EU**

**Low Voltage Directive - Direttiva Bassa Tensione - Directive Basse Tension - Niederspannungsrichtlinie - Directiva Baja Tensión - Directiva Baixa Tensão**

**2014/68/EU**

**Pressure device directive (PED) - Direttiva attrezzature a pressione (PED) - Directive sur les équipements sous pression (PED)  
Richtlinie für unter Druck stehende Geräte (PED) - Directiva de equipos de presión (PED) - Directiva equipamentos sob pressão (PED)**

**2011/65/EU**

**ROHS 2 Directive - Direttiva ROHS 2 - Directive ROHS 2 - ROHS 2 Richtlinie - Directiva ROHS 2 - Directiva ROHS 2**

**2015/863/EU**

**Delegated Directive (ROHS 2) - Direttiva Delegata (ROHS 2) - Directive Délégée (ROHS 2)**

**Delegierte Delegada (ROHS 2) - Directiva Delegada (ROSH 2) - Directiva Delegada (ROHS 2)**

**Standards applied - Norme applicate - Normes appliquées  
Angewendete Normen - Normas aplicadas - Normas aplicadas**

**EN 60335-1:2012 + / A11:2014 + A13:2017 + A1:2019 + A2:2019 + A14:2019**

**EN 60335-2-75:2012 + / A1:2015 + / A2:2018**

**EN 55014-1:2017 , EN 55014-2:2015**

**EN 61000-3-2:2018, EN 61000-3-3:2013, EN 61000-3-11:2017, EN 61000-3-12:2011**

**EN 62233:2008, EN 63000:2018**

Name (\*) and address (\*\*) of the person authorized to compile the technical dossier  
Nome (\*) e indirizzo (\*\*) della persona autorizzata a costituire il fascicolo tecnico  
Nom (\*) et adresse (\*\*) de la personne autorisée à constituer le dossier technique  
Name (\*) und Anschrift (\*\*) der Person, die bevollmächtigt, die technischen Unterlagen zusammenzustellen  
Nombre (\*) y dirección (\*\*) de la persona facultada para elaborar la ficha técnica  
Nome (\*) e endereço (\*\*) da pessoa autorizada a compilar o dossier técnico

*The present declaration will become invalid should the machine be modified without our specific authorization. La presente dichiarazione perde la sua validità se la macchina viene modificata senza la nostra espressa autorizzazione.  
La présente déclaration perd sa validité dès lors que la machine est modifiée sans notre autorisation expresse. Die vorliegende Erklärung verliert ihre Gültigkeit, wenn die Maschine ohne unsere ausdrückliche Genehmigung verändert wird.  
La presente declaración pierde su validez si la máquina es modificada sin nuestra autorización expresa. A presente declaração perde a validade se a máquina for alterada sem a nossa autorização específica.*

**(\*) CEO Sig. Ruggero Ferrari**

**(\*\*) Rancilio Group S.p.A. con socio unico**

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MDC-CER.02 REV02-25/01/2021

## FOODSTUFF COMPATIBILITY DECLARATION OF COMPLIANCE

RANCILIO Group S.p.A. con socio unico

Declares under our responsibility that the RANCILIO branded products:

CLASSE 11 XCEL 4, CLASSE 11 XCEL 3, CLASSE 11 XCEL 2  
CLASSE 11 USB 4, CLASSE 11 USB 3, CLASSE 11 USB 2  
CLASSE 9 XUSB 4 (CW), CLASSE 9 XUSB 3 (CW), CLASSE 9 XUSB 2 (CW)  
CLASSE 9 USB 4 (CW), CLASSE 9 USB 3 (CW), CLASSE 9 USB 2 (CW)  
CLASSE 9 S 4 (CW), CLASSE 9 S 3 (CW), CLASSE 9 S 2 (CW)  
CLASSE 9 RE 3, CLASSE 9 RE 2  
CLASSE 7 USB 3 (CW), CLASSE 7 USB 2 (CW)  
CLASSE 7 S 3 (CW), CLASSE 7 S 2 (CW)  
CLASSE 5 USB 3 (CW), CLASSE 5 USB 2 (CW), CLASSE 5 USB 2/C (CW), CLASSE 5 USB 1  
CLASSE 5 S 3 (CW), CLASSE 5 S 2 (CW), CLASSE 5 S 2/C (CW), CLASSE 5 S 1, CLASSE 5 ST 1  
LEVA 4 (CW), LEVA 3 (CW), LEVA 2 (CW)  
CLASSE 20 hSB 2 (CW), CLASSE 20 hSB 3 (CW)  
CLASSE 20 ASB 2 (CW), CLASSE 20 ASB 3 (CW)

are manufactured with the following materials:

- Stainless steel
- Copper
- Lead free brass
- Plastic
- Rubber
- Silicon

Materials, mentioned above, comply with the requirements as follows:

General requirements:

| EU Directives and Regulations                | Italian Laws                                     |
|----------------------------------------------|--------------------------------------------------|
| 1935/2004/CE<br>1895/2005/CE<br>2023/2006/CE | DPR777/82 and further updating and modifications |

Specific requirements:

| Material          | EU Directives and Regulations                     | Italian Laws                                           |
|-------------------|---------------------------------------------------|--------------------------------------------------------|
| Plastic materials | 10/2011/UE and further updating and modifications | D.M. 21/03/1973 and further updating and modifications |
| Rubber            | See general requirements                          | D.M. 21/03/1973 and further updating and modifications |
| Silicon           | See general requirements                          | D.M. 21/03/1973 and further updating and modifications |
| Stainless Steel   | See general requirements                          | D.M. 21/03/1973 and further updating and modifications |

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No-harmonized materials are evaluated in accordance with an internal risk assessment and related overall and specific migrations.

Substances restricted:

| Substance | CAS N. (where applicable) | Allowed limit                    |
|-----------|---------------------------|----------------------------------|
| Lead      | 7439-92-1                 | Cfr. D.M. 21/03/1973 and updates |
| Nickel    | 7440-02-0                 | Cfr. D.M. 21/03/1973 and updates |
| Manganese | 7439-96-5                 | Cfr. D.M. 21/03/1973 and updates |
| Chromium  | 7440-47-3                 | Cfr. D.M. 21/03/1973 and updates |

Specifications about use of material or object, as below, are included in our drawings:

1. Which kind of food product can be in contact.
2. Duration and temperature of process and conservation in contact with food product.
3. Contact surface-to-Volume ratio is used to evaluate the compliance of material or object.

In support of the above, we declare to have at the disposal of the competent Authority:

1. Test report on the final products
2. Other supporting documentation required pursuant to Reg. (CE) N. 1935/2004, art. 16, paragraph 1.

This declaration is valid from the date below and has to be replaced if there are substantial changes in production of the material that can change some essential requirements for compliance or when the mentioned legislative references are modified and updated in a way to request a new verification for compliance purposes.

*The present declaration will become invalid should the machine be modified without our specific authorization  
Name (\*) and address (\*\*) of the person authorized to compile the technical dossier*  
**(\*) CEO, Ruggero Ferrari**

## Notes

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## Documents / Resources

|                                                                                                                                                                                                                |                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><br>Document Set<br>Classe 9<br><br> | <p><a href="#">RANCILIO 019-CLASSE9S3 Document Set Classe 9 Espresso Machine</a> [pdf] Datasheet 019-CLASSE9S3, Document Set Classe 9 Espresso Machine, 019-CLASSE9S3 Document Set Classe 9 Espresso Machine, Classe 9 Espresso Machine, Espresso Machine</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## References

-  [The best Italian espresso coffe machines - Rancilio Group](#)

[Manuals+.](#)