

# SWEEPING MACHINES 2019







# 



Comoc Comoc

CS 50 B Battery version Without traction Panel filter as standard Manual filter shaker CS 50 BT Battery version With traction Panel filter as standard Manual filter shaker CS 50 H Petrol version Without traction Panel filter as standard Manual filter shaker CS 50 HT Petrol version With traction Panel filter as standard Manual filter shaker



# 



## CS 60 B 2016

Rear wheel electric drive Battery version 60 cm central brush Panel filter as standard Electric filter shaker as standard Manual emptying system



## CS 60 Hybrid 2016

Rear wheel electric drive Hybrid version: battery + Honda motor 60 cm central brush Panel filter as standard Electric filter shaker as standard Manual emptying system



# 



### CS 700 B Front wheel electric drive Battery version 70cm central brush Panel filter as standard Electric filter shaker as standard Manual emptying system

Electric motors



## CS 700 H

Front wheel hydraulic drive Petrol version – Honda 70cm central brush Panel filter as standard Electric filter shaker as standard Manual emptying system Hydraulic motors



# 



## CS 800 B

Front wheel electric drive Battery version 80 cm central brush Panel filter as standard Electric filter shaker as standard Automatic emptying at height with electric pistons Automatic emptying at height with electric pistons Electric motors



## CS 800 H

Front wheel hydraulic drive Petrol version – Honda 80 cm central brush Panel Filter as standard Electric filter shaker as standard Hydraulic motors



## 



CS 80

Battery/Diesel/Bifuel version Lombardini engine for D version Honda engine for Bifuel version 80 cm central brush Ver. B/Bifuel: Cloth filter as standard with 5 m<sup>2</sup> filter surface Ver. Diesel: Panel filter as standard





CS 90

Battery/Diesel version Perkins engine for D version 90 cm central brush Cloth filter as standard 8 m<sup>2</sup> filter surface





CS 110 Battery/Diesel/Bifuel version Perkins engine for D version Honda engine for Bifuel version 110 cm central brush Cloth filter as standard 8 m<sup>2</sup> filter surface

Hydraulic motors with mechanical movements Rear wheel hydraulic drive Electric filter shaker as standard Discharge at height with hydraulic pistons



## 



CS 100

Battery/Diesel version Perkins engine for Diesel version 110 cm central brush 10 m<sup>2</sup> filter surface



CS 120

Battery/Diesel/Bifuel version Perkins engine for Diesel version Kubota engine for Bifuel version 120 cm central brush 11 m<sup>2</sup> filter surface

Hydraulic motors with hydraulic movements Rear wheel hydraulic drive Cloth filter as standard Electric filter shaker as standard Discharge at height with hydraulic pistons



# 



## CS 140T

Diesel engine 140 cm central brush Twin action (mechanical + vacuum) System with hammers to destroy debris No water needed 50 m<sup>2</sup> filter surface (cloth filter as standard) 3500 l waste container

4 steering wheels with independent suspensions





## HP 6000

Diesel engine 140 cm central brush Twin action (mechanical + vacuum) System with hammers to destroy debris No water needed 50 m<sup>2</sup> filter surface (cloth filter as standard) 6000 l waste container 4 steering wheels with independent suspensions



## **Small Sweeping machines - COMPARISON**

3	CS 50B-BT	CS 50H-HT	CS 60B	CS 60 Hybrid
TENNANT	S9	X	X	X
<b>ONILFISK</b> setting standards	SW750	SW900 84P	SR 1000 S	X
Hako	B650	P650	B800R	X



## Medium Sweeping machines - COMPARISON

3	CS 700B	СS 700Н	CS 800B	СS 800Н
TENNANT	S12	X	6200B	6200D
<b>ONILFISK</b> setting standards	SR 1101 B	SR 1101 P	SW4000 B	SW4000 P
Hako	B900 R	P900 R	<b>B980</b> R	P980 R



## **Big Sweeping machines - COMPARISON**

0	CS 80B	CS 80D/Bifuel	CS 90B	CS 90D	CS 110B	CS 110D/Bifuel
TENNANT	X	X	S20 Battery	S20 Diesel	S20 Battery	S20 Diesel/Benzina/GPL
<b>ONILFISK</b> setting standards	SW5500 B	SW5500 D/GPL	SW5500 B	SW5500D	SR 1601 B	SR 1601 D/GPL
Hako	B 1200 RH	D 1200 RH / P1200 RH	B1500 RH	D1500 RH	B1500 RH	D1500 RH/ P1500 RH



## **Big Sweeping machines - COMPARISON**

3	CS 100B	CS 100D	CS 120B	CS 120D/Bifuel
TENNANT	S20 Battery	S20 Diesel	X	S30 Diesel/Benzina/GPL
© Nilfisk setting standards	SR 1601 B	SR 1601 D	X	SW8000 D/GPL
Hako	Х	X	X	ARMADILLO 9XR D/GPL



### Comac Copyright

Ownearbly of the information and/or documents: All information (withink me mean and itaka and information with the sole exception of that of common knowledge or which COMAC has disclosed without reserve) and all documents (drawings, photos, etc.) are the exclusive property of COMAC and their use does not mean there is any kind of acquisition of titles, property or exploration of rights or licences encept for the limited permission of use ruled by this document.

By way of example and, therefore, not limited to, such information and/or documents can be the following:

Marketing section: high definition digital images for the implementation of commercial catalogues on paper or web sites, company trademarks, original graphical documents from which texts are taken (e.g. the descriptive notes), PDF documents and original documents in .ppt format.

### Professional use of the data:

It is a known fact that the information and/or documents, subject of this commitment, are and will be used by the beneficiary exclusively for carrying out his professional business and, therefore, no specific laws regarding consumer protection are applicable.

Confidentiality:

The Party has benefits from the information or use of documents taken from or, in any case, part of the commercial documentation, shall use all such information and/or documents with maximum care solely for the purposes connected to execution of this contract with COMAC and shall: keep such information and/or document to its suppliers, collaborators and employees that have access to the information and/or documents are, in turn, shall not civilge any information and/or document to suppliers, collaborators and employees that have access to the information and/or documents are, in turn,

bound by a confidentiality commitment to the benefit of COMAC; shall not divulge any information to third parties without the prior written consent by COMAC; copy and/or in any other way reproduce any information or document without the prior written consent of COMAC; take all the necessary measures to protect confidentiality.

### Returning Information and/or documents:

Whilst maintaining exclusive ownership at all times, COMAC has the right, at any time, to ask in writing or by email, that all the information and/or documents received be returned or no longer used and within the term of thirty days from receipt of this request, all the information and/or documents must be returned, including any copies, or destroy such information and/documents and relative copies so as to prevent them from being recovered and COMAC must be given a written declaration certifying that the information and/documents have all either been returned or destroyed. This obligation to return, destroy or no longer use is set automatically in motion when the relationship is cancelled with COMAC for any reason whatsoever.

Applicable law, cancelling clauses and Court having jurisdiction: The interpretation, integration, execution and the effects of this commitment will be governed by Italian law. If one or more points of this agreement are cancelled it does not invalidate

> COMAC S.p.A. Via Maestri del Lavoro, 13 - 37059 Santa Maria di Zevio - Verona - ITALY Tel. 045 8774222 - Fax 045 8750303 - www.comac.it - com@comac.it An ISO 9001:2008, ISO 14001:2015, OHSAS 18001:2007 Organisation certified by Q.C.B. Italy

