

seppi m.®

MULCHING EQUIPMENT SPECIALISTS



Quality by Design

**EQUIPMENT FOR
UNDER CANOPY MAINTENANCE**

**XSC - XSA - XSP
XAN - XTR - XID
PORT-X**

for standalone or in connection
with a flail mulcher or rotary mower



INNOVATION

- > over 70 years experience
mulching equipment specialists since 1971
- > continuous research for new solutions and technologies
- > optimal material, with low wear

QUALITY

- > every machine is tested before leaving the factory
- > use of the best components only
- > low wear

RELIABILITY

- > high performance machines
- > close to customer sales and service network
- > fast and efficient customer care



Do not leave your yield to chance.

With the equipment for under canopy maintenance of SEPPI M. you can yield a higher return in the vineyard and orchard.

Proper soil preparation specially such as in vineyards and orchards requires the regular removal of grass and prunings.

The proper maintenance of under canopy is important for the prosperous growth of cultures. SEPPI M. recommends mechanical methods in order to reduce the use of chemicals.

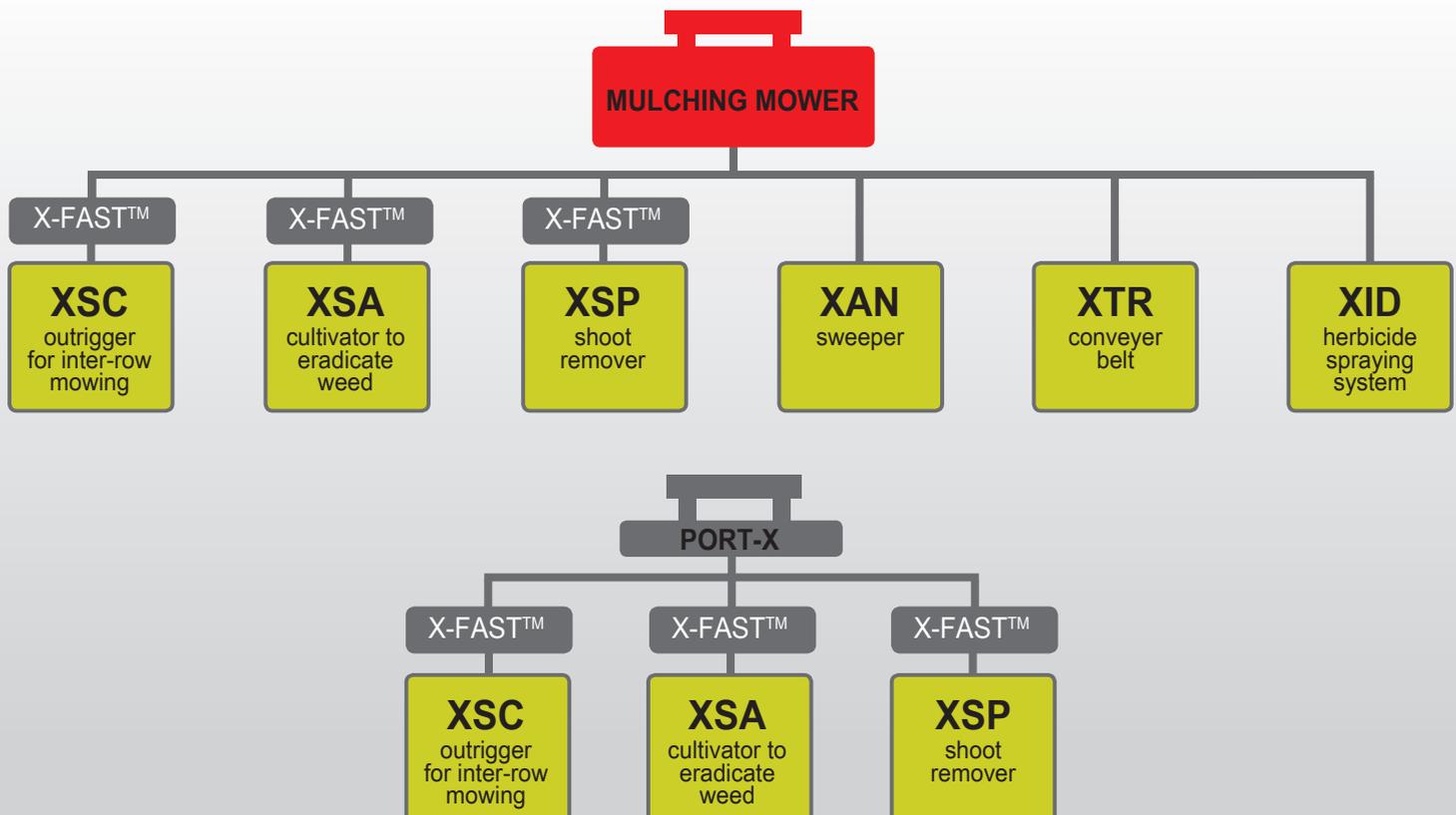
All accessories are modular and easy to handle.

Besides the technical aspects a proper under canopy maintenance also depends on some agronomic factors: When is the use of a technology particularly recommended? What is the benefit of each attachment?

The new **X-FAST™ quick coupling system** includes a mechanical and hydraulic quick coupler, which makes replacement fast and easy.

The devices **XSC**, **XSA** and **XSP** can be attached either to a mulcher or directly to a tractor with the 3-point linkage **PORT-X**. This universal port, an independent 3-point linkage, ready for several attachments, reduces investments. (for more information on PORT-X see page 10).

Save costs and multiply your possibilities!



Higher yield. Less chemicals.

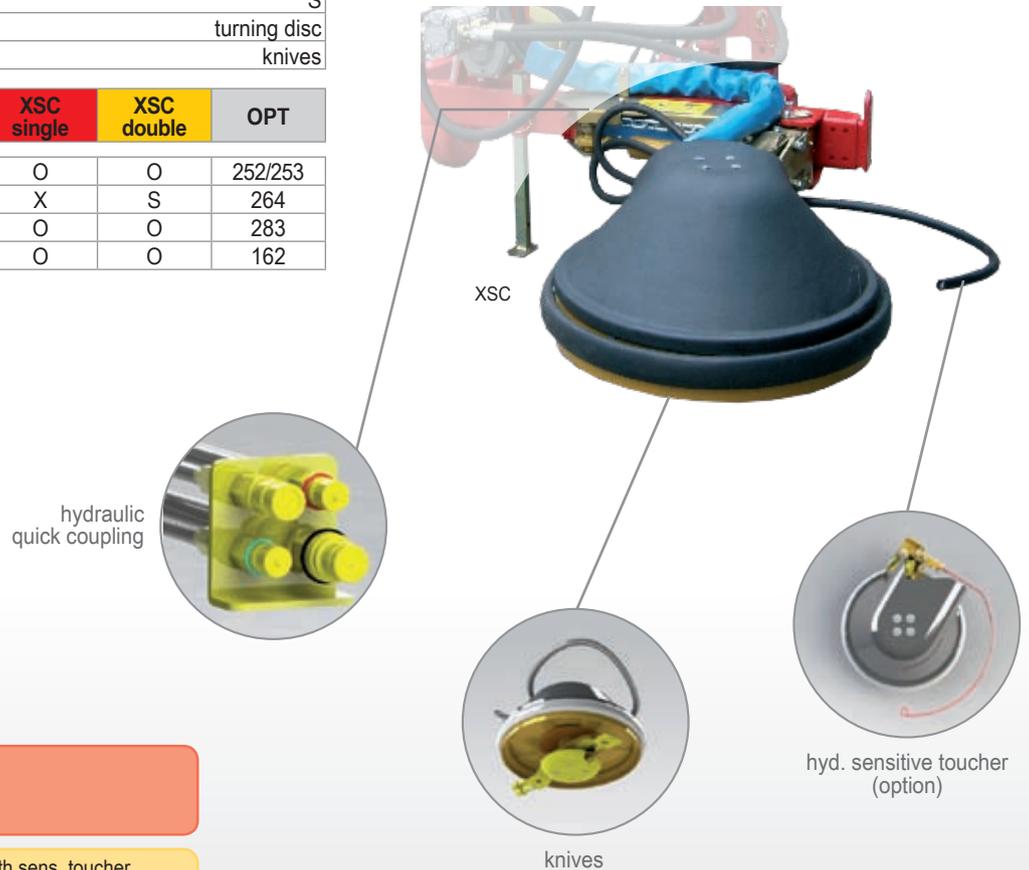
features	XSC
mows grass and weed up to working speed	1 cm [0,4"] Ø
attachment	mulcher or PORT-X
quick coupling	S
hydraulic transmission	with independent pump, tank and control valves
flow rate	40 l/min [8.8 GPM]
control system	hydraulic
touch spring	S
floating mechanism	S
support tools	turning disc knives

options	XSC single	XSC double	OPT
hyd. sensitive toucher	O	O	252/253
oil cooler	X	S	264
electric remote control*	O	O	283
chevrons	O	O	162

S: standard - O: option - X: not available
* with hyd. sensitive toucher

The **XSC outrigger mower** for inter-row mowing can be mounted either to a mulcher or directly to the tractor, with the 3-point linkage PORT-X.

Optional sensitive touchers allow to mow around obstacles and trees automatically. Different versions help adapt to different needs. A double XSC outrigger also adapts to row widths. This makes mowing much faster and more efficient.



season

- spring
- summer
- autumn

ideal situation

- from ca. 2 cm [0.8"] diameter with sens. toucher
- from ca. 10 cm [3.9"] diameter w/o sens. toucher
- high grass up to 1 cm diameter
- dry soil
- few stones
- slight slope up to about 5°

advantages

- clean cut
- remaining closed sward
- no dust

XSC					
model	working Ø (L) cm ["]	Ø outside cm ["]	outreach (X) max. cm ["]	weight* kg [lb]	tools #
XSC	50 [20]	58 [23]	42 [17]	67 [148]	2
XSC	60 [24]	68 [27]	47 [19]	82 [181]	2
XSC	70 [28]	78 [31]	56 [22]	97 [214]	2

* The weight of the machine is approximate and may vary.



Clean job in organic cultivation.

features	XSA
eradicates weed as deep as	4 cm [1.6"]
working speed	1-3 km/h
attachment	mulcher or PORT-X
quick coupling	S
hydraulic transmission	with independent pump, tank and control valves
flow rate	40 l/min (8.8 GPM)
control system	hydraulic
touch spring	S
floating mechanism	S
support	turning disc
tools	cultivator teeth

options	XSA single	XSA double	OPT
hyd. sensitive toucher	S	S	252/253
oil cooler	X	S	264
electric remote control*	O	O	283
chevrons	O	O	162

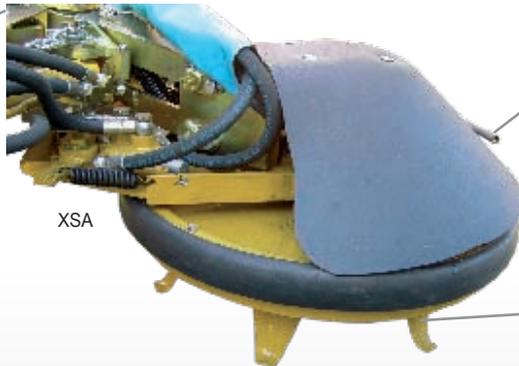
S: standard - O: option - X: not available
* in connection with hyd. sensitive toucher

The **XSA cultivator** supports organic agriculture as well as conventional cultures where an extended use of herbicides has caused damage or where the frequency of herbicide spraying should be reduced for other reasons.

This cultivator can be mounted either to a mulcher or directly to the tractor, with the 3-point linkage PORT-X.

A mechanical process cuts the roots of weeds along trees or vines and brings them to the surface. A highly sensitive hydraulic toucher protects even the youngest trees from damage.

double floating suspension for optimal soil adaption

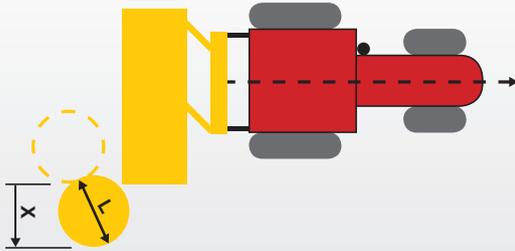


XSA



hyd. sensitive toucher

cultivator teeth



season

- spring
- summer
- autumn

ideal situation

- from ca. 2 cm [0.8"] diameter with sens. toucher
- grass up to 1 cm [0.4"] Ø and up to 50 cm [20"]
- dry soil
- few stones
- slight slope up to ca. 20°

advantages

- clean soil cultivation
- mixing of humus and soil
- growth spurt by mineralization of soil
- disturbance of the habitats for pests (e.g. mice)
- no dust

XSA					
model	working Ø (L) cm ["]	Ø outside cm ["]	outreach (X) max. cm ["]	weight* kg [lb]	tools #
XSA	35 [14]	48 [19]	35 [14]	52 [115]	4

* The weight of the machine is approximate and may vary.



Cleans the trunk and clears the ground.

features	XSP
working height	manual adjustable
working speed	1-5 km/h
attachment	mulcher or PORT-X
quick coupling	S
hydraulic transmission	with independent pump, tank and control valves
flow rate	40 l/min [8.8 GPM]
control system	hydraulic
touch spring	S
sensitive toucher with distance sensor	S
protecting guard	S
fiber material / fiber length	nylon / 20 cm [7.9"]

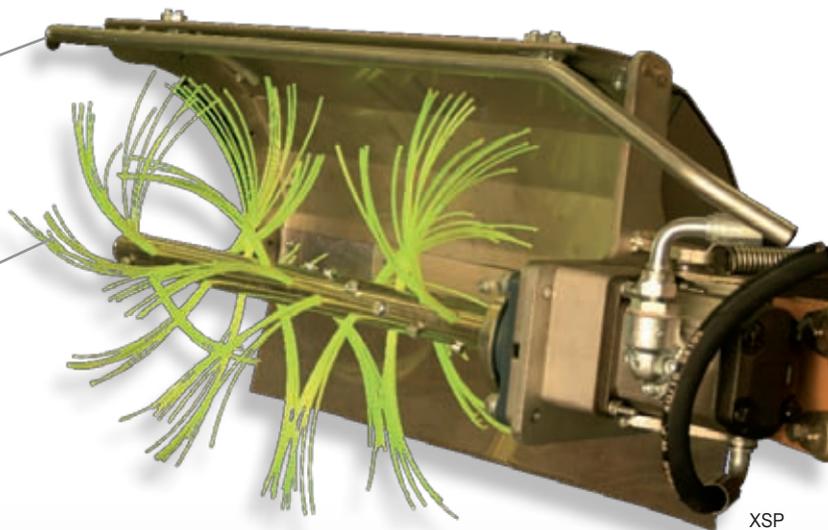
S: standard

The XSP shoot remover can be mounted either to a mulcher or directly to the tractor, with the 3-point linkage PORT-X.

The brushes of the shoot remover XSP clean the trunk and remove shoots, suckers and grass on the ground.

resistance of bumper can be continuously adapted to the conditions of work

nylon fibers may be replaced quickly



XSP

season

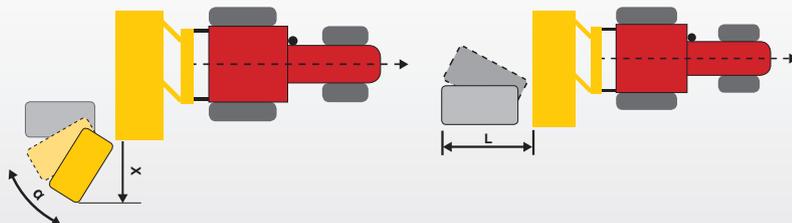
- spring
- summer
- autumn

ideal situation

- from ca. 2 cm [0.8"] diameter
- grass up to 1 cm [0.4"] Ø and up to 50 cm [20"]
- dry soil
- slight slope up to ca. 10°

advantages

- cleans trunk and soil
- high driven speed possible
- works clean and causes no damage (sensitive toucher not necessary)



XSP			
working angle $\alpha = ^\circ$	max. operating distance from border of mulcher X = cm ["]	length of the equipment ready for transport L = cm	weight* kg [lb]
15	100 [39]	140 [55]	40 [88]

* The weight of the machine is approximate and may vary.



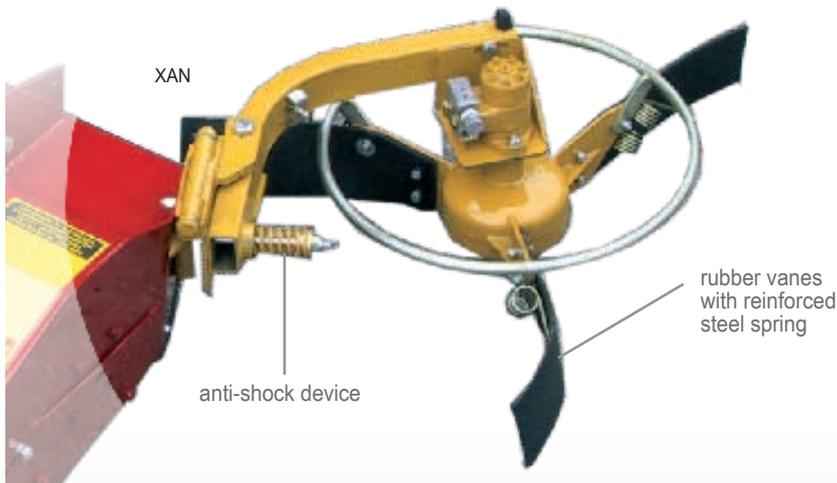
Makes mulching easy and efficient.

features	XAN direct	XAN front single	XAN front double
working speed	1-5 km/h	1-5 km/h	1-5 km/h
attachment	mulcher	tractor (flange carrier plate)	tractor (flange carrier plate)
hydr. transmission and control	via tractor	via tractor	via tractor
required control devices and oil flow	30-40 l/min [7.9-10.6 gpm]	30-40 l/min [7.9-10.6 gpm] + 1 double acting	30-40 l/min [7.9-10.6 gpm] + 2 double acting
hydr. hoses, length	120 cm [47"]	+ 1 double acting	120 cm [47"]
anti-shock device	S	S	S
support	turning disc	turning disc	turning disc
folds for transport	manual	hydraulic	hydraulic
tools	rubber vanes with reinforced steel spring		

S: standard

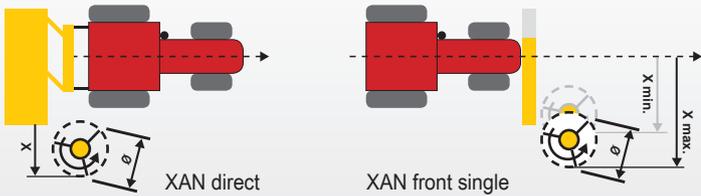
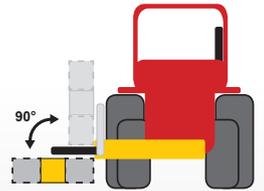
With the **XAN sweeper** you may collect leaves and prunings from row sides and bring them into an ideal position for mulching: in front of the mower or in front of the tractor.

An easy and efficient system!



front attachment on the tractor without front linkage

folds for transport:
XAN direct: manual
XAN front single & double: hydr.



XAN				
working width $\varnothing = \text{cm}$	XAN direct	XAN front single & double		weight* kg [lb]
	max. distance from border of mulcher X = cm	min. distance from middle of tractor X = cm	max. distance from middle of tractor X = cm	
119 [47]	100 [39]	150 [59]	187 [74]	54 [119]

* The weight of the machine is approximate and may vary.

season

- autumn
- winter

ideal situation

- from ca. 2 cm [0.8"] diameter
- leaves and prunings
- dry soil
- slight slope up to ca. 10°

advantages

- prevents decomposition
- gathers side lying prunings
- takes the habitat of the pest
- no damage on the trunks



XTR

Conveyer belt with side discharge.

features	XTR
working speed	adjustable
attachment	mulcher
hydraulic transmission	via tractor
control system	via tractor
flow rate	40 l/min [8.8 gal.]
available working widths	125, 150, 175, 200 cm [49, 59, 69, 79"]

The **conveyer belt XTR** deposits mulched grass to the right of the mulcher (not suitable for prunings), and it casts the grass up to 50 cm [20"].

It can be mounted to the following mulchers in place of the rear hood: SMO, H-SMO-B and SAV.

The XTR is hydraulically driven by the external supply of the tractor.



season - summer

ideal situation

- independent of the stem diameter
- high grass
- dry soil
- slight slope up to ca. 5°

advantages

- smothers weed to growth
- feeds the roots with nutrients and humus
- retains moisture
- can be alternated with XAN

TIP: also suitable for the removal of grass along streets and canals

XTR	
working width cm ["]	weight* kg [lb]
125 [49]	140 [309]
150 [59]	157 [346]
175 [69]	174 [383]
200 [79]	191 [421]

* The weight of the machine is approximate and may vary.



Herbicide spraying system.

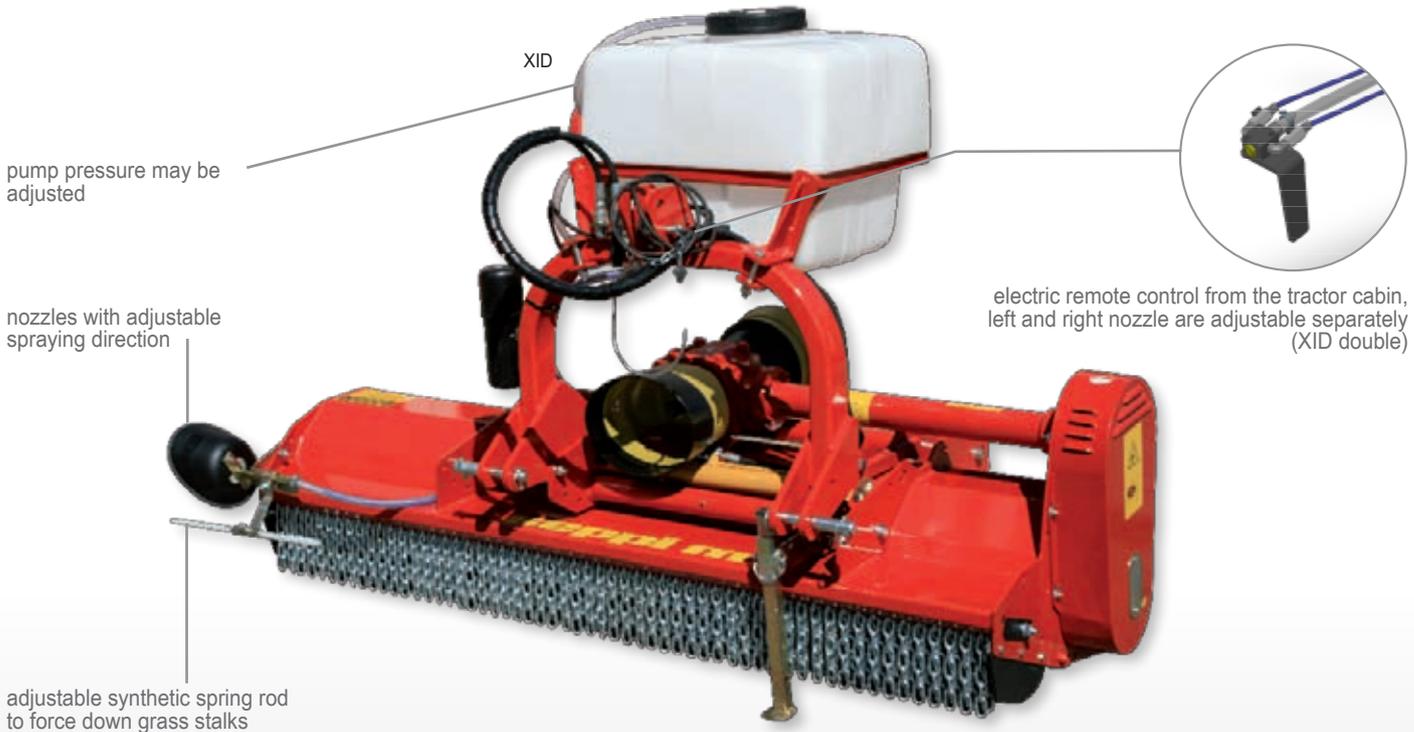
features	XID
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tank	100 l [26.4 gal.]
pump	12 V
pressure gauge	S

available products:
XID single
XID double (spray nozzles on both sides)

S: standard

The **XID herbicide spraying system** may be added to many SEPPi mowers. High-precision nozzles come with adjustable spraying direction.



electric remote control from the tractor cabin, left and right nozzle are adjustable separately (XID double)

XID			
dimensions tank cm ["]			weight kg [lb] incl. framework
height	width	depth	
55 [22]	60 [24]	53 [21]	35 [77]

* The weight of the machine is approximate and may vary.

season - summer

ideal situation
 - independent of the stem diameter
 - high grass up to 50 cm
 - dry soil
 - slight slope up to ca. 5°

advantages
 - destroys weeds while growing
 - longlasting effects
 - low operating costs



PORT-X

Universal attachment port - the perfect basis!

features	PORT-X
compatibility	XSC, XSA, XSP
3-point rear linkage	1 & 2 cat.
input shaft	1 3/8" Z=6
gearbox	540 rpm
hydraulic side shift	single or double
support wheels	S
required hydraulic service fittings	1 or 2
electric remote control	S

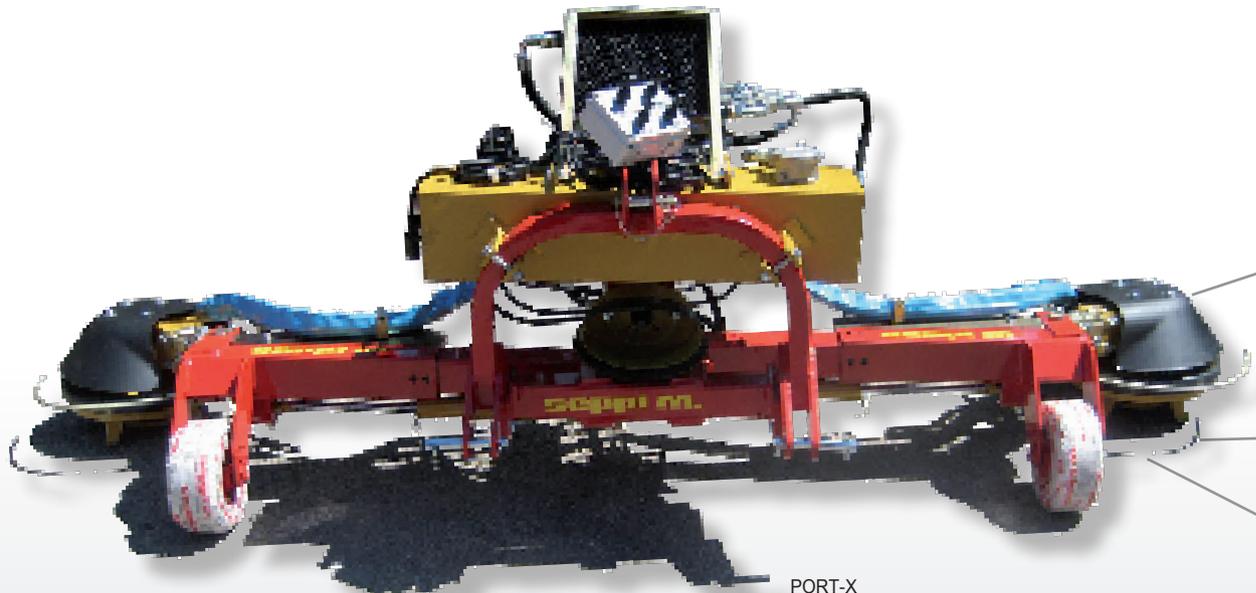
options	PORT-X single	PORT-X double	OPT
PTO drive shaft	O	O	008
1000 rpm gearbox	O	O	018
front attachment	O	O	101
chevrons	O	O	162

S: standard - O: option

The accessory carrier **PORT-X** is the perfect alternative or supplement for equipment for under canopy maintenance, when not using a mulcher.

This 3-point rear linkage frame comes with hydraulic side shift that allows to set the working width, adapting it to the distance between rows.

The attachment is driven through the hydraulic system mounted on the PORT-X. The under canopy care can thus be carried out autonomously, without a mulching mower.



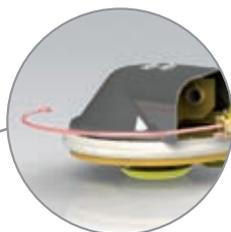
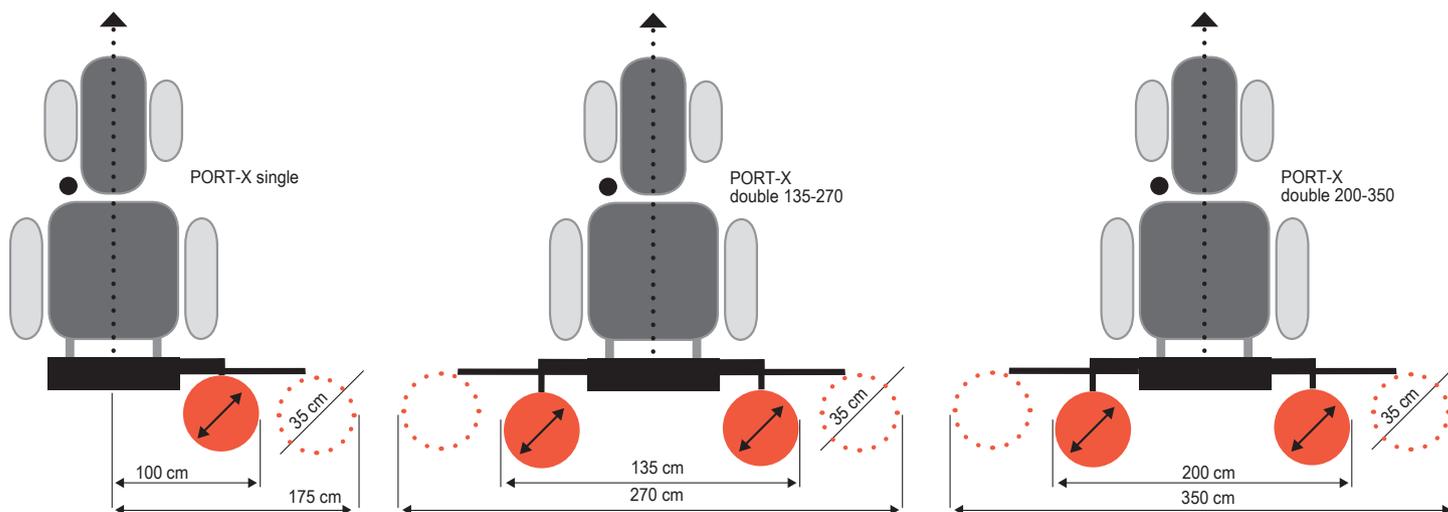
PORT-X
(shown with the XSA cultivator)

PORT-X			
working width cm ["]	weight* kg [lb]	kW** min-max	HP** min-max
100 [39]	280 [620]	19-44	25-80
135 [53]	290 [640]	19-44	25-80
200 [79]	300 [660]	19-44	25-80

* The weight of the machine is approximate and may vary.

** The indicated kW and HP refer to the power required at the PTO output shaft, not to the nominal tractor power.

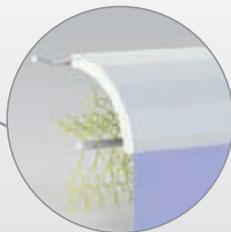




combination with XSC outrigger mower



combination with XSA cultivator



combination with XSP shoot remover

PORT-X combination with outrigger mower XSC

disc Ø cm ["]	overall width cm ["]		weight* kg [lb]	knives #
	closed	open		
50 [20]	100 [39]	175 [69]	300 [661]	2
60 [24]	100 [39]	175 [69]	310 [683]	2
70 [28]	100 [39]	175 [69]	320 [705]	2
2x50 [20]	135 [53]	270 [106]	400 [882]	2x2
2x50 [20]	200 [79]	350 [134]	500 [1,102]	2x2
2x60 [24]	135 [53]	280 [110]	420 [926]	2x2
2x60 [24]	200 [79]	360 [142]	520 [1,146]	2x2
2x70 [28]	135 [53]	290 [114]	440 [970]	2x2
2x70 [28]	200 [79]	370 [146]	540 [1,190]	2x2

PORT-X combination with cultivator XSA

disc Ø cm	overall width cm ["]		weight* kg [lb]	teeth #
	closed	open		
35 [14]	100 [39]	175 [69]	300 [661]	4
2x35 [14]	135 [53]	270 [106]	400 [882]	2x4
2x35 [14]	200 [79]	350 [134]	500 [1,102]	2x4

PORT-X combination with shoot remover XSP

operating angle °	overall width cm ["]		weight* kg [lb]	bristle length cm ["]
	closed	open		
15	100 [39]	140 [55]	320 [705]	20 [8]

* The weight of the machine is approximate and may vary.



The Advantage of High Quality

Mulching Equipment Pioneers

Founded in 1939 by Max Seppi, SEPPi M. is now one of the foremost manufacturer in its sector - not only in Europe, but worldwide. A pioneer like no other, SEPPi has been manufacturing mulching equipment for more than 40 years. SEPPi's mission is "To improve the professional's work through innovative and efficient solutions".

The many years of experience, together with the tireless research for more advanced technologies and more resistant materials result in the premium quality of the SEPPi equipment with tough machines that are reliable even under extreme working conditions.

The biggest gratification over the past 70 years has been our satisfied customers, who have benefitted from long and efficient work with the SEPPi equipment – a continuous motivation to keep on focusing on high quality!
The family-based character of the company today being led by the third generation, stands for fair and responsible business relationships.

Discover the many advantages of owning SEPPi equipment!



AGRICULTURAL, FORESTRY AND INDUSTRIAL MULCHERS

SEPPi M. S.p.A. - Zona Artigianale 1 - 39052 Caldaro (Bolzano) Italy
Tel. +39 0471 963550 - Fax +39 0471 962547 - sales@seppi.it - www.seppi.com

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