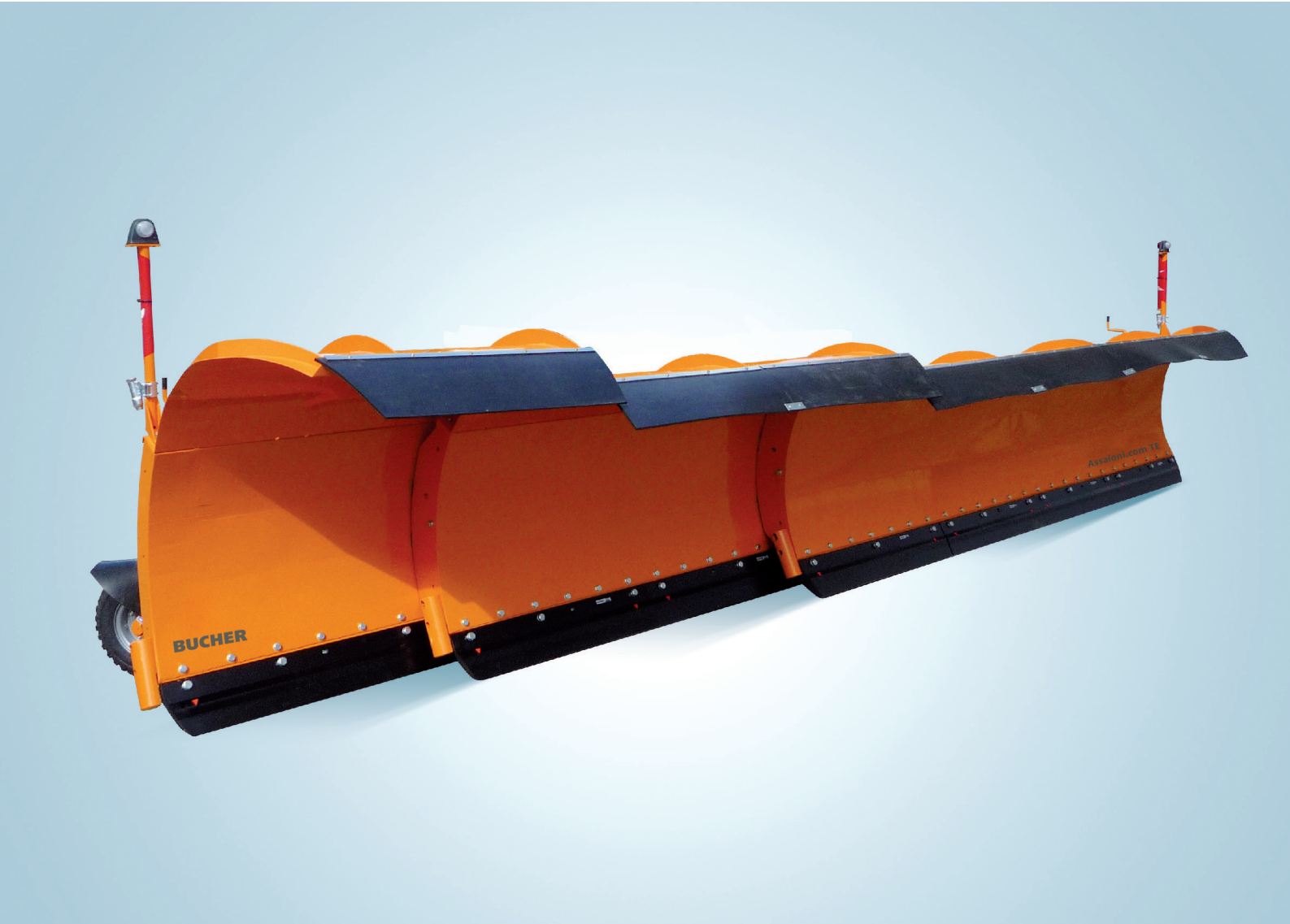


Configuration examples

TE90.30/40S			
TE90.35/45S			
TE90.40/50S			
TE90.42/52S			
TE90.40/49D			
TE90.42/70X			



Snow plough



Carriages with pivoting wheels

Used to easily move the equipment inside warehouses. A wheel per carriage is equipped with a parking brake.

Increased rubber splash guard

With reinforced ribs and curved profile, it avoids the snow raised by the turbulence to reach the windscrean even at high speed.

Safety locking devices

On the lifting cylinder, in accordance with the safety regulations (CE mark). On request, they are also available on the rotation.

Lateral edges

Available on request, in plastic material, they are ideal for clearing near new-jersey barriers and helping the snow discharge.

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fax. +39 0175 258 825  
giletta@buchermunicipal.com

**Bucher Teplex TE90**  
Telescopic snow plough



# Bucher Teplex TE

Telescopic snow plough, suitable for clearing snow at high speed. It is made up of a fixed joint-free structure and one or two extending telescopic elements which, depending on the models, extend respectively one on the left and one on the right side, to vary the working width according to the different types of road surface. It allows to work both in the closed and extended position and in all intermediate positions. Equipped with hydraulic lifting-lowering, right-left steering and mobile elements. It can be used for clearing snow from motorways and airports.

	TE90 30/40S	TE90 35/45S	TE90 40/50S	TE90 42/52S	TE90 40/49D	TE90 42/70X	
Length of scraper edge (min/max)	3000-4000	3500-4500	4000-5000	4170-5170	4000-4900	4170-6960	mm
Clearing width (32° max. inclination)	2600-3460	3030-3900	3460-4330	3610-4480	3460-4240	3610-6030	mm
Max.right-left clearing angle	32	32	32	32	32	32	°
Min. Passage width	2720	3140	3560	3650	3600	3650	mm
Maximun overhang while transferring (inclined plough)	2240	2380	2520	2610	2450	2610	mm
Overhang with straight plough	1760	1760	1760	1760	1560	1760	mm
Maximum height from ground	400	400	400	400	400	400	mm
Attack angle	25	25	25	25	25	25	°
Weight of standard version	1300	1350	1450	1600	1400	1900	kg

**By-pass valve**  
In the rotation hydraulic circuit it ensures an effective shock absorption against lateral impacts.

**Quick attachment plate to vehicle**  
Available according to the standards EU15432 size F1 or F2, DIN 76060, SETRA.

**Supporting feet**  
With mechanical height adjustment.

**Central sliding shoe**  
In cast iron or Combi, it is necessary when Combi scraping edges are used. It limits the load on the center scraping edge, also in case of rough roads.

**Led clearance lights**  
Resistant to vibrations and external agents.

**Right telescopic element**  
Hydraulically controlled, it can be extended to the right; it allows you to work both in closed and elongated position and in every intermediate position.

**Blade curvature**  
The special profile, complete with bolted extension in sheet metal, perfectly discharges even large amounts of snow.

**Rubber splash guard**  
It limits snow splashes on the vehicle windscreen.

**Left telescopic element**  
Hydraulically controlled, it can be extended to the left; it allows you to work both in closed and elongated position and in every intermediate position.

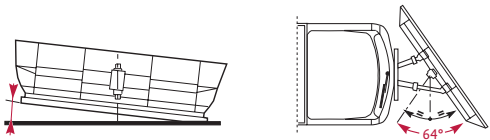
**Side fenders**  
To protect the scraping edge from obstacles and bumps.

**Steel scraping edge**  
Available on request also in NEOPRENE BISHORE and KOMBI or POLYURETHANE.

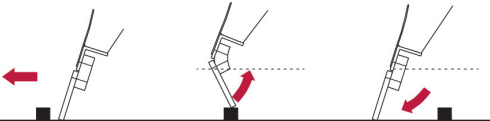
**Self-adjustable support wheels**  
On request, preloaded with automatic working field, they run smoothly over the ground and are suitable when working at high speed or when rubber or plastic scraping edges are used.

**Transversal inclination angle**  
A central oscillation system allows the plough to follow the road profile.

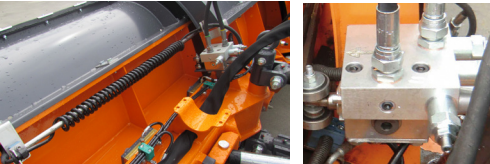
**Rotation**  
Rotation angle from +32 ° to -32°



**Polyurethane insert**  
Fitted between the steel scraping edge and the blade, it offers the elimination of any vibrations and the scraping edge rotation when obstacles are encountered, with automatic return to the working position once these have been exceeded.



**By-pass valve self-adjustable**  
Replacing the standard by-pass valve, it ensures an effective cushioning against side impacts both with open and closed plough. It features a double adjustment which automatically configures itself to operate at different pressures depending on whether the plough is in open or closed position (standard on TE90.42 / 70).



**Work light**  
On request, it's placed on the plough left end and improves the visibility while working.



**Adjustable central oscillating system**  
It offsets weight differences between right and left side and fix the blade in horizontal position with blade raised, thus allowing it to follow freely the road profile with blade lowered in working position. Thanks to this device the scraping edge wears evenly.



**Centralized greasing system**  
Placed in a comfortable and protected position, it is connected to all greasing points in order to facilitate the maintenance operations.



**Hydraulic support feet**  
On request.



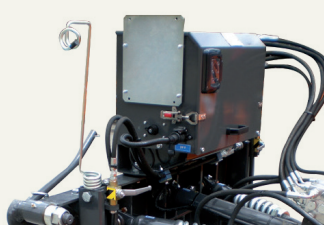
**Auxiliary spotlight kit**  
Available on request, in compliance with the current traffic regulations, they back-up the vehicle lights and are adjustable.



**Led lights for backlighting**  
At the left and right plough ends, they are used to increase the rear clearance visibility of the plough.



**Quick attachment of scraping edges**  
On request, they allow to facilitate and shorten the scraping edge fitting on the plough.



**Electro-hydraulic control unit**  
It can be installed on request on the plough mounting plate.