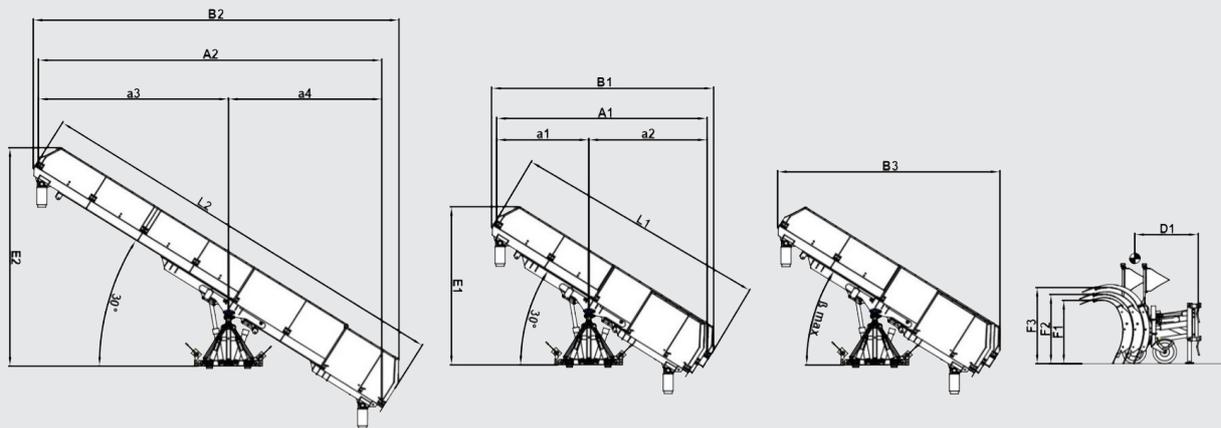


# Bucher Teplex TE90S series



## Specifications - Bucher Teplex TE90S series

	TE90.30/40S	TE90.35/45S	TE90.40/50S	TE90.42/52S		
L1	Length of blade (retracted)	3000	3500	4000	4170	mm
L2	Length of blade (extended)	4000	4500	5000	5170	mm
A1	Clearing width at 30° (retracted)	2600	3035	3465	3615	mm
a1	From centre to left	1035	1165	1380	1525	mm
a2	From centre to right	1565	1870	2085	2090	mm
A2	Clearing width at 30° (extended)	3390	3735	4255	4400	mm
a3	From centre to left	1985	2030	2335	2490	mm
a4	From centre to right	1400	1705	1920	1905	mm
P1	Weight with lift	1400	1510	1550	1620	kg
B1	Overall dimensions at 30° (retracted)	3635	2755	3185	3620	mm
B2	Overall dimensions at 30° (extended)	4330	3640	3985	4505	mm
E1	Overhang at 30° (retracted)	2280	2355	2480	2570	mm
E2	Overhang at 30° (extended)	2830	2855	3030	3120	mm
B3	Minimum overall dimensions for narrow lanes	2650	3050	3450	3550	mm
	Kombi blades (OPT)	70	70	80	80	kg

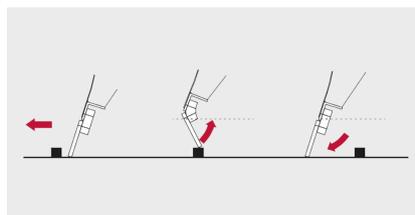
Technical data and images are indicative and not binding.

## Key Features



### Telescopic elements

Hydraulically controlled, can be extended to the left side, allowing work in closed or open positions, or any intermediate width even at high speeds.



### Overcoming obstacles for steel blades

Polyurethane inserts between the shield and the steel blade allow the latter to rotate and overcome fixed obstacles, thereby ensuring that grazing impacts are absorbed.



### Blade structure

Snowplough designed for high-medium snowfall conditions comprising a fixed body with an enbloc structure and an extending part on the left side. Ideal for clearing on motorways, airports and expressways.

# Bucher Teplex TE90S series

## Standard data - Bucher Teplex TE90S series

D1 - Center of gravity with lifting	1000 mm
F1 - Side snowplough height	1245 mm
F2 - Side snowplough height	1340 mm
R - Rotation	±36°
O - Side oscillation	±7°

## Shield and inserts

The fixed part and the extending part of the shield are in high-strength steel, with a steel insert bolted directly on to the structure. Rubber strips are applied between the slots of the inserts to prevent snow passing through.

## Scraper blades

Standard blade in wear-resistant steel, hardness 400 HBW, and positive 25° contact angle. It is also possible to install the bi-shore neoprene blade, a Kombi blade (steel and rubber inserts) or a polyurethane blade in place of the wear-resistant steel blade.

## Steel scraper blade specifications

Number of blade sections	3
Indicative lifespan of steel blades	1200±200 km
Blade contact angle	25°
Scraper blade specifications	180 x 18 mm

## By-pass valve

It is inserted in the rotation circuit and features a double adjustment which is automatically configured to operate at different pressures depending on whether the plough is in open or closed position.

## Paintwork

Metal structural components are painted in several stages: SA 2.5 shot blasting; powder primer with 30% galvanized epoxy resin; polyester powder painting, cured at 200 °C. The hydraulic and electrical parts, on the other hand, are treated with Teroson Terotex 3000. This type of painting has obtained certification from an independent laboratory for resistance to more than 2000h exposed to salt spray.

## Technical notes for mounting on vehicles

- The vehicle must be equipped with a tool holder plate matching the base version selected plate and must have sufficient axle capacity (a preliminary check of this capacity is recommended).
- Operating the basic F1, F2, DIN or SETRA tool version requires 3 double-acting closed centre controls, 1 of which with a floating position.
- Operating the 3P basic version tool requires 2 double-acting closed centre controls.

- For clearance lights, the vehicle must be equipped with a 7-pole electrical socket compliant with the UNI-EN 15431 standard in accordance with ISO1724 (12V) and ISO1185 (24V).

## Reference standards

- DIRECTIVE 2006/42/CE (CE MARK)
- UNI EN 13021

## Attachments

Available for all the most widely used types of rapid attachments (EN15431 F1, DIN Gr.5-3, SETRA, 3 Point hitch).

## Optional main weight

Neotech 2S Neoprene blades	150 kg
Electro-hydraulic unit	50 kg
Additional headlamp bar	40 kg
Hydraulic deflector	34 kg

## Optional

- Electro-hydraulic unit
- Quick scraper blade fitting
- Centralized greasing
- LED backlighting
- Oversized rubber splash guard with reinforcement ribbing
- Power supply voltage 12V or 24V
- Side protection in polyurethane for work in contact with Jersey barriers

## Bucher Municipal



For local contact and support, please scan the QR code or visit

[buchermunicipal.com](http://buchermunicipal.com)