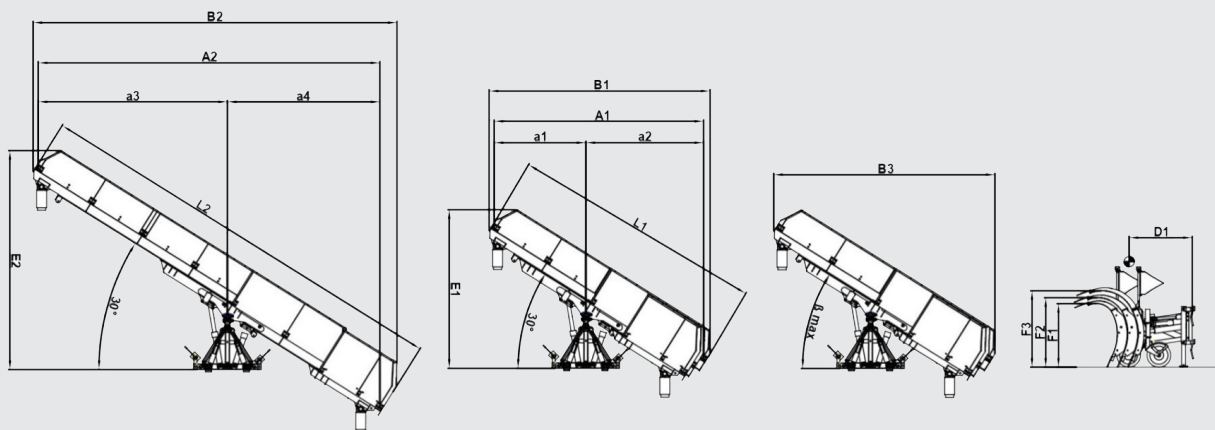


# Bucher Teplex TE90S series



## Specifications - 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 |

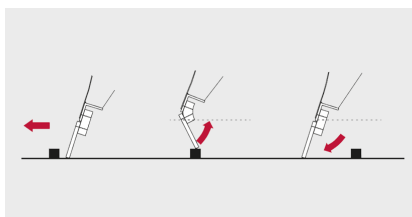
Technical data and images are indicative and not binding.

## 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)

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