



## Patios & Folding Sliding Doors

*Hardware By Professionals | For Professionals*

# Patios Selection & Contents

## Patios & Folding Sliding Doors

Mila stock a comprehensive range of gearing and accessories to suit the following types of doors:

### 1. Tilt & Slide

As their name suggests - tilt and slide patios can be tilted for ventilation or opened fully for ventilation and/or access.

The patio functions are controlled via a handle that, in turn, operates central locking gear for security and weathersealing.

### 2. Lift & Slide

Lift and slide patios work on a simple rule: lift – slide – drop. All operations are controlled via the handle and associated gearing.

Lift and slide patios offer greater variations in terms of opening combinations than traditional inline or tilt and slide patios.

### 3. Inline or Straight Sliding

Inline patio doors are the traditional style of patio door fitted in the UK. They feature a multipoint lock for security and slide parallel to the fixed leaf on patio rollers.

Mila stock a comprehensive range of hardware to suit inline patios including:

- Multipoint locks
- Pull pad handles
- Patio rollers

### 4. Folding Sliding Doors

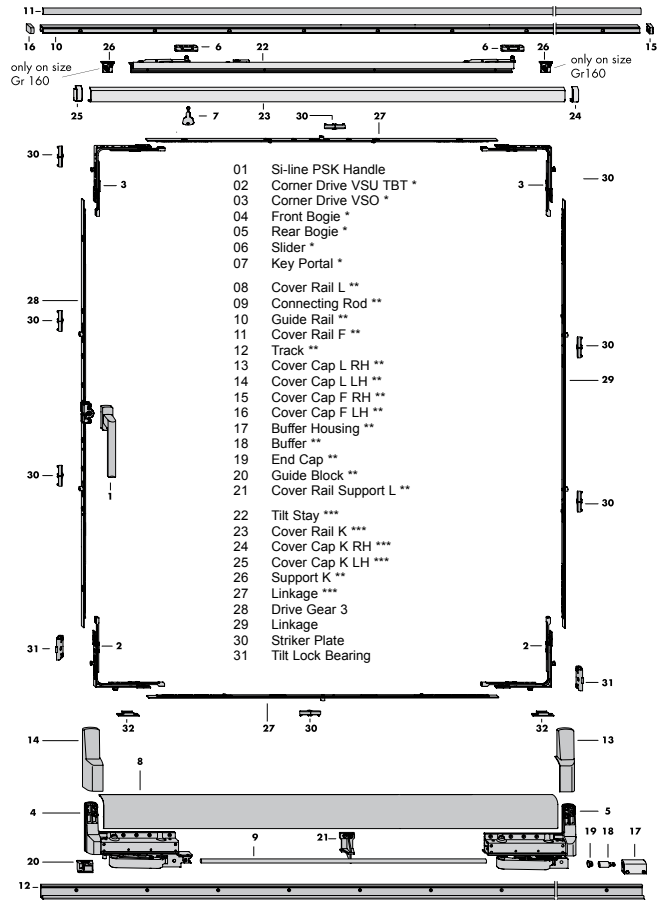
Folding sliding doors are an alternative to patio doors or french doors. When fully opened the doors “concertina” back on themselves providing wider opening areas. Various opening options are available combining two to seven panes and with outer frame widths up to 6300mm.

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## Technical Data

Type	Tilt & slide
Max. Sash Weight (kg)	160
Sash Rebate Width (mm)	670 - 1600
Sash Rebate Height (mm)	840 - 2360

## Technical Drawings



\* Dependent on handing \*\* Dependent on overall width of patio \*\*\* Dependent on sash width of patio

## PSK 160 Tilt & Slide Patio Gear

PSK 160 tilt and slide patio hardware is manufactured using TS-Look Chromium VI free solutions, providing enhanced corrosion resistance. The hinges and bogie wheels are designed to fit modern chamfered over-rebates.

- Suitable for PVCU, timber and aluminium profiles
- Suitable for all profiles, slim and chamfered
- All components supplied in TS-look silver finish
- No jigs required for bogie wheels
- Roller cams on corner drives as standard
- Increased clearance between sash and frame, therefore it is not necessary to use "slim" or "low" external handles
- Safe, simple height adjustment of +4mm/-2mm
- 160kg load capacity
- Mushroom cam option available for enhanced security
- Shootbolt option available



## Part Numbers

Description	Part No.	Description	Part No.
01. Si-line PSK Handle	103025H	22. Tilt Stay	530170
02. Corner Drive VSU TBT	320250	23. Cover Rail K	530159
03. Corner Drive VSO	320000	24. Cover Cap K RH	531018
04. Front Bogie	531000*	25. Cover Cap K LH	531019
05. Rear Bogie	531002	26. Support K	-
06. Slider	530916	27. Linkage	342552
07. Key Portal	530917	28. Drive Gear 3	340140
08. Cover Rail L	531046	29. Linkage	342570
09. Connecting Rod	530900	30. Striker Plate	(Profile related)
10. Guide Rail	-	31. Tilt Lock Bearing	(Profile related)
11. Cover Rail F	531054	32. TBT Striker	(Profile related)
12. Track	-	Basic Carton RH (02.03.04.05.06.07)	530144
13. Cover Cap L RH	531022	Basic Carton LH (02.03.04.05.06.07)	530145
14. Cover Cap L LH	531022	Size 87/200 (Track Pack)	530550
15. Cover Cap F RH	531022	Size 107/240 (Track Pack)	530554
16. Cover Cap F LH	531022	Size 130/286 (Track Pack)	530558
17. Buffer Housing	531026*	Size 160/346 (Track Pack)	530562
18. Buffer	531028*	Size 87 (Cover K Pack)	530159
19. End Cap	531030*	Size 107 (Cover K Pack)	530160
20. Guide Block	-	Size 130 (Cover K Pack)	530161
21. Cover Rail Support	-	Size 160 (Cover K Pack)	530162

\* Special order item

## Guarantees & Accreditations

Mechanical Guarantee	5 years
Labour Guarantee	2 years

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## Technical Data

Type	Lift & slide
Max. Sash Weight (kg)	400

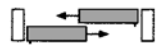
## Technical Drawings



**Scheme A\***  
Moving sashes 1  
Max. width (mm) 6,700  
\* Left hand shown above, right hand also available



**Scheme C**  
Moving sashes 2  
Max. width (mm) 13,300



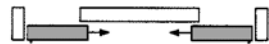
**Scheme D**  
Moving sashes 2  
Max. width (mm) 6,700



**Scheme F**  
Moving sashes 4  
Max. width (mm) 13,300



**Scheme G**  
Moving sashes 1  
Max. width (mm) 9,900



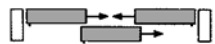
**Scheme K**  
Moving sashes 2  
Max. width (mm) 13,300



**Scheme G2**  
Moving sashes 1  
Max. width (mm) 9,900



**Scheme E**  
Moving sashes 2  
Max. width (mm) 10,000



**Scheme H**  
Moving sashes 3  
Max. width (mm) 9,900



**Scheme L**  
Moving sashes 4  
Max. width (mm) 19,800

## HS Portal Lift & Slide Patio Gear

Lift and slide hardware for large sliding doors.

- Easy assembly through:
  - Fixed bogie wheels
  - Simple frame corner connections
  - Pre-moulded sealing rail (optional)
- Suitable for 56mm, 66mm and 68mm timber sections
- Built-in night vent as standard
- Sash weights of up to 400 kg can be operated safely, effortlessly and easily
- Easy to replace clip-on running rail for aluminium sills
- Thermally broken aluminium threshold
- Timber sill option also available
- Low threshold version for wheelchair access
- Insulated support rail
- Shootbolt option available



Please contact the Mila sales team on 01327 312 400 to order this product.

## Guarantees & Accreditations

Mechanical Guarantee	5 years
Labour Guarantee	2 years

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## Technical Data

Type	Folding sliding
Max. Sash Weight (kg)	80
Sash Rebate Width (mm)	330 - 900
Sash Rebate Height (mm)	840 - 2360

## Opening Options



**Scheme 220**  
Outer frame width up to 1.80mm



**Scheme 330**  
Outer frame width up to 2700mm



**Scheme 321**  
Outer frame width up to 2700mm



**Scheme 440**  
Outer frame width up to 3600mm



**Scheme 431**  
Outer frame width up to 3600mm



**Scheme 550**  
Outer frame width up to 4000mm



**Scheme 541**  
Outer frame width up to 4000mm



**Scheme 532**  
Outer frame width up to 4000mm



**Scheme 660**  
Outer frame width up to 5400mm



**Scheme 651**  
Outer frame width up to 5400mm



**Scheme 633**  
Outer frame width up to 5400mm



**Scheme 770**  
Outer frame width up to 6300mm



**Scheme 761**  
Outer frame width up to 6300mm



**Scheme 743**  
Outer frame width up to 6300mm

## FS Portal Folding Sliding Door Gear

Folding sliding doors are the latest, stylish alternative to french doors or patio doors. They can be fitted to conservatories, patios, roof gardens, balconies or even extensions.

The 2 to 7 pane system allows for greater versatility and a wider opening area than either patio or french doors, increasing the natural light and ventilation.

- Folding sliding fittings for timber, PVCU and aluminium doors and windows
- Top or bottom running with one profile set
- Sturdy track with minimal threshold height
- Low threshold option (for open in only)
- Smooth sliding action provided by 4 wheeled bogies with high precision ball bearings
- Option of 2-7 pane system for versatility
- Complete opening increases natural light and ventilation
- Can be used in conjunction with tilt and turn hardware, offering a secure tilt position for ventilation
- Option of high security multipoint locking
- Option of high security Evolution door hinges
- Option of Mila Pro-Linea door handles in a range of attractive finishes



## Guarantees & Accreditations

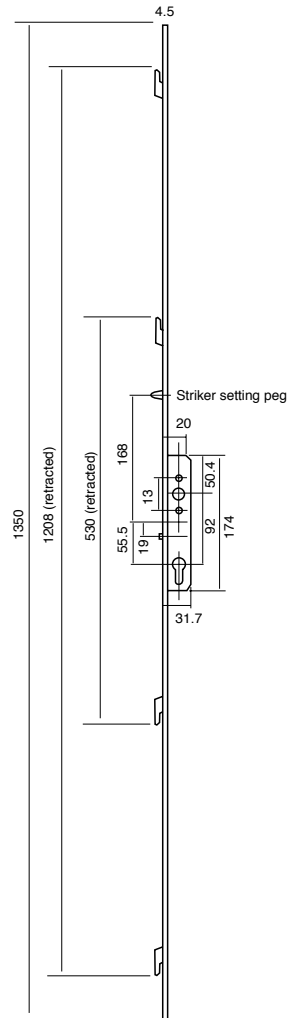
Mechanical Guarantee	5 years
Labour Guarantee	2 years

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## Technical Data

Type	Inline
Locking Points	4

## Technical Drawings



## Fearless Inline Sliding Patio Gear

Fearless inline sliding patio gear is a high security patio system. The one-piece Fearless lock not only reduces fabrication times but its two pairs of outward opposing twin hooks, when driven into their dedicated steel one-piece striker, prevent the leaf from being lifted out of its frame either upwards or downwards.

- Twin opposing hooks for security
- Static anti-lift bolt which also serves as a precise means of locating the striker piece
- Mis-handling device on the lock prevents operation of the hooks until the door is fully closed meaning that hooks cannot be accidentally slammed against the striker
- For additional stability and security a one-piece universal striker is supplied
- One piece striker is manufactured from steel and is mounted on the frame through the use of profile related packers
- Packers are available to suit most major inline patio systems



## Part Numbers

### Description

- Fearless Inline Patio, Internal/External Pz locking With White Handle. 35/35 Zinc Cylinder & Black Door Stop
- Fearless Inline Patio, Internal/External Pz locking With Gold Handle. 35/10 Brass Double Cylinder & Black Door Stop
- Fearless Inline Patio, Internal/External Pz locking With White Handle. 35/35 Zinc Cylinder & White Door Stop
- Fearless Inline Patio, Internal/External Pz locking With White Handle. 35/10 Brass Cylinder & Black Door Stop

### Bom. No.

- FLIPEW
- FLIPEG
- FLIPIW
- FLIPIG

## Guarantees & Accreditations

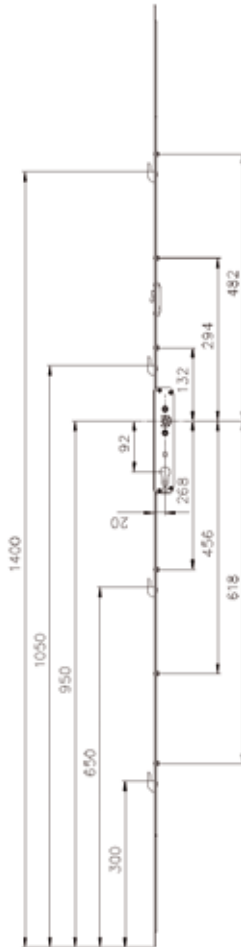
Mechanical Guarantee	5 years
Labour Guarantee	2 years

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## Technical Data

Type	Inline
Lock Hooks	4

## Technical Drawings



## Mila Inline Sliding Patio Gear

High security locking system for inline patio doors systems with a 16mm eurogroove.

- 4 strong hooks for locking
- Hooks act as an integral anti-lift feature
- Mis-handling device built into locking mechanism stops door from being accidentally slammed shut
- One piece steel striker reduces fabrication times while enhancing aesthetics and security levels
- Range of stylish pull-pad handles available



## Part Numbers

### Description

Mila Inline Sliding Patio Gear Lock  
Eurocell Striker

### Part No.

108500  
108511

## Guarantees & Accreditations

Mechanical Guarantee	5 years
Labour Guarantee	2 years

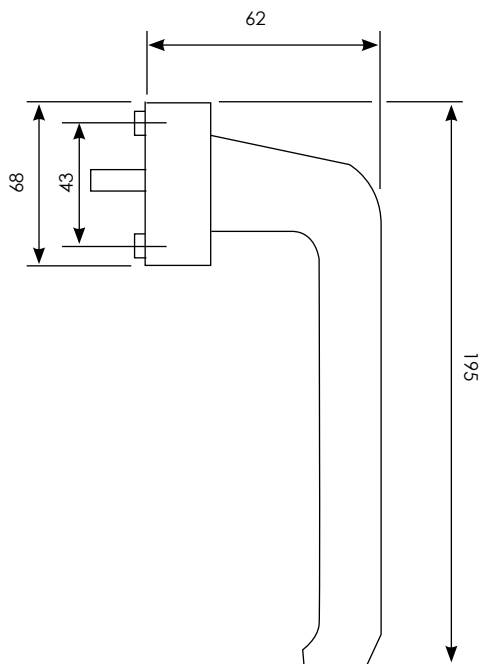
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## Technical Data

- Type** Tilt & slide patio handle  
**Finishes** Silver (F1), gold (F3), white

## Technical Drawings



## Tilt & Slide Patio Handle

Aluminium handle designed for use on tilt & slide patio systems.

- Handle operates all functions of the patio gearing
- Can be used with PSK 160 tilt & slide patio gearing and other tilt & slide systems
- Extended lever for smooth operation
- Three types of handle are available depending on the level of security required:
  - Internal non-locking
  - Internal locking
  - Internal/External locking
- Range of finishes available



## Part Numbers

Description	Type	Silver (F1)	Gold (F3)	White
Tilt & Slide Patio Handle	Internal Non-Locking	-	103003H	103005H
Tilt & Slide Patio Handle	Internal Locking	103020H	103023H	103025H
Tilt & Slide Patio Handle	Internal/External Locking	103030H	103033H	103035H

## Guarantees & Accreditations

- Mechanical Guarantee** 5 years  
**Labour Guarantee** 2 years

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## Patio Stops

Plastic moulded patio stops in a range of colours.



### Part Numbers

#### Description

Patio Stops (Black Buffer)  
Patio Stops (White Buffer)

#### Black

108592  
-

#### Brown

108591  
-

#### White

108590  
108593

## Patio Rollers

- Range of patio rollers for use on inline sliding patio systems
- Available with either nylon or steel wheels



### Part Numbers

#### Description

Inline Patio Roller With Nylon Wheels

Inline Patio Roller With Steel Wheels

Inline Patio Roller With Stainless Steel Wheels

#### Part No.

520564

520570

520580

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