

# SIMLEAD Undermount Slide 40kg Load, 500mm Length

**Part Number: KS-F86-500**



King Slide SIMLEAD Undermount Slide, Full-Extension, Push-Open & Soft-Close, 500mm (20in), 40kg load

The SIMLEAD Undermount Slide for Wooden Drawers is the world's only fully-integrated concealed drawer slide with Push-Open and Soft-Close.

Closing Type	Push-Open / Soft-Close
Length	500mm (20in)
Load Capacity	40kg (88lbs)
Mounting Type	Screw-In
Slide Extension Type	Full-Extension
Slide Type	Undermount

## Product Description

The SIMLEAD Undermount Slide is the world's only fully-integrated undermount slide with Push-Open and Soft-Close features.

Continuous Ever-Active Push allows the drawer front to be pushed more than once, allowing true hands free operation. Use your elbow or your knee to push on the drawer a second time and it will continue to open. With the synchronization bar installed, the Push-Open can be activated with an Any Point Touch, simply by pushing at any location on the drawer front.

The Push mechanism being fully integrated into the slide, provides best in class motion and function. This design means the spring power of the Push is already deactivated when the drawer is closing, leading to a perfect soft-close every time with no possibility of bounce back.

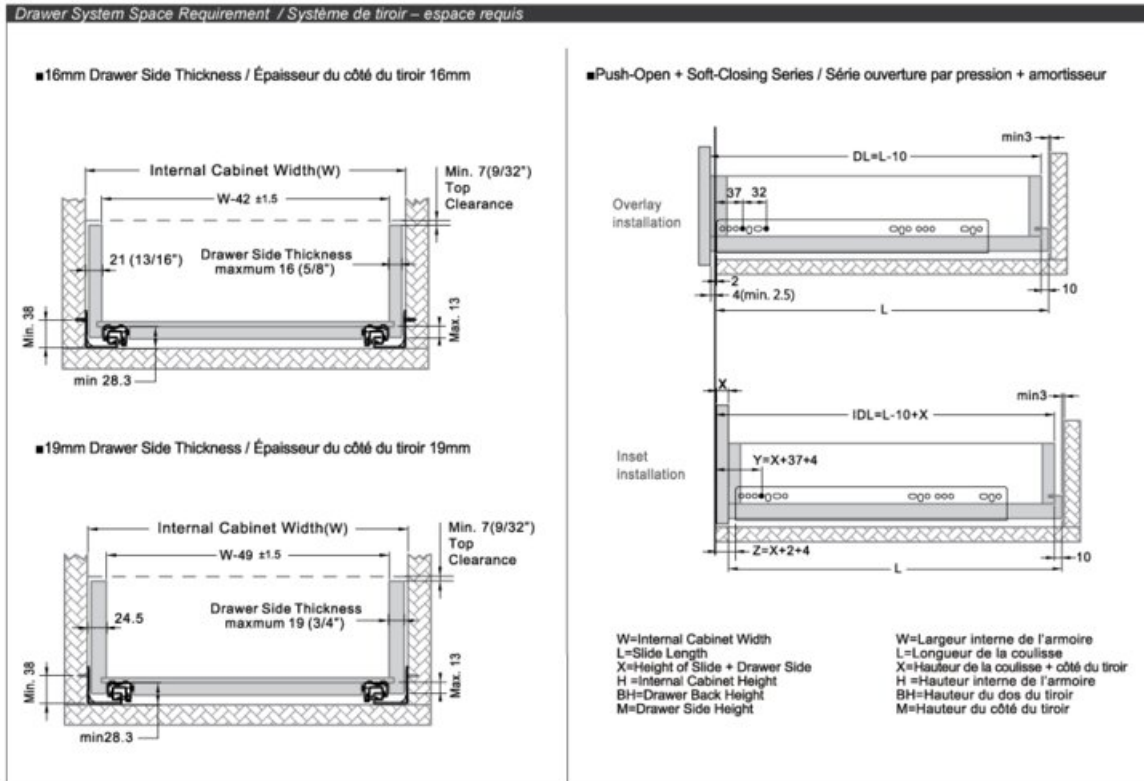
King Slide has several safety features built into the slide. First there is a switch on the bottom which turns off the Push-Open feature completely. This is excellent during transportation to job site, but also when small children are around to prevent accidental release of the drawer.

The optional Vibration Safety Device (VSD) offers an additional safety feature that locks the drawers in place in the event of the cabinet experiencing a significant vibration. This option is ideal for furniture installed in earthquake prone regions, but also has practical applications for recreational vehicles and trailers.

## Product Advantages

- Continuous Ever-Active Push
- Perfect Soft-Close
- No Bounce Back
- Any Point Touch to open
- Built-In Safety Features

## Technical Documents



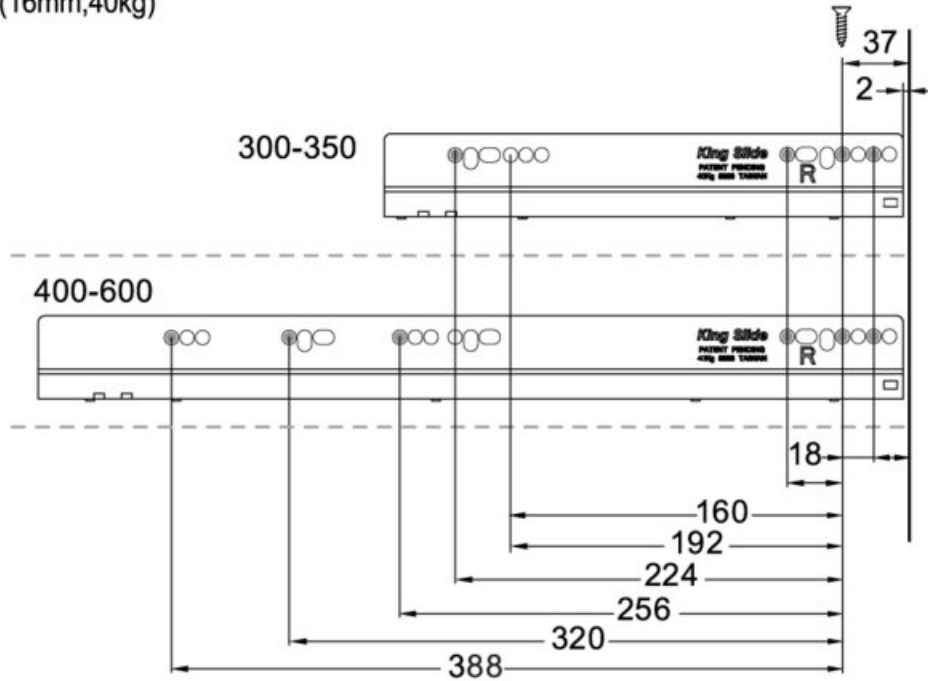
View this product online at <https://marathonhardware.com/pd/KS-F86-500>



## Technical Documents

### Slide Installation Instruction / Instructions d'installation – Coulisse

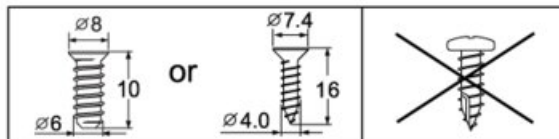
- Medium Duty Slide / Coulisses poids moyen  
(16mm,40kg)



Gray point: minimum screw required

Point gris: vis minimum requis

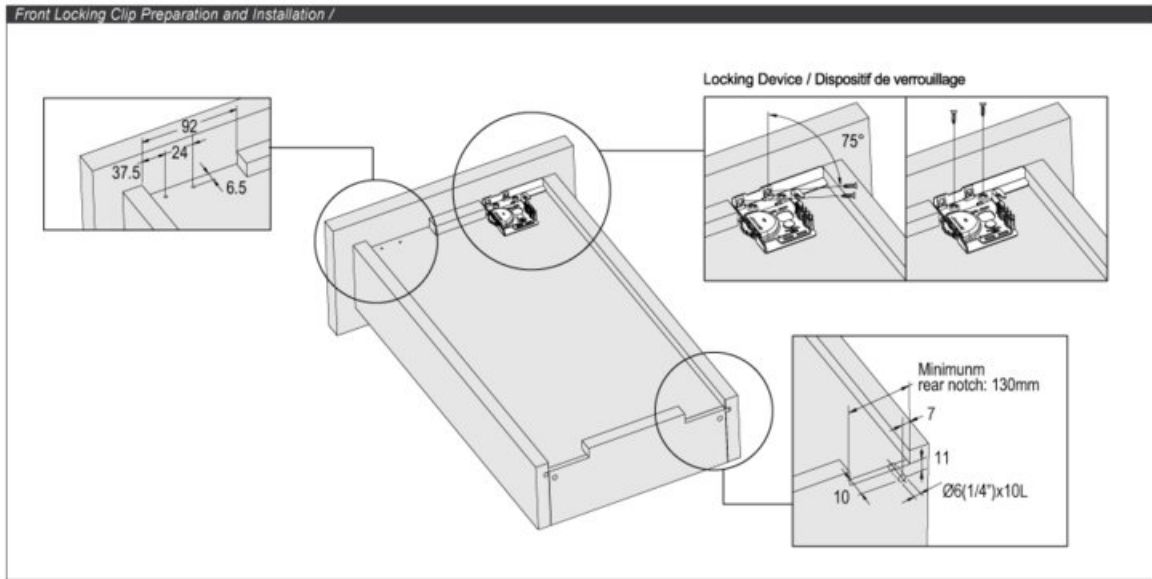
\*Install with Flat Head or Euro Screws only.



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## Technical Documents

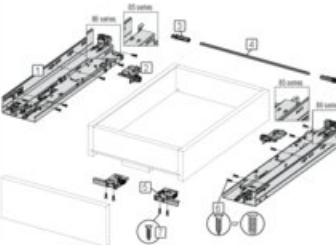


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Technical Documents

**King Slide® SIMLEAD Wood Drawer System SIMLEAD Installation Instruction**  
 1F85(16mm) / 1G85(19mm) / 1D85(16mm) / 1E85(19mm)  
 1F86(16mm) / 1G86(19mm) / 1D86(16mm) / 1E86(19mm)

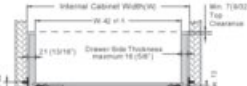
Components / Composants / Componentes / 零件清單 / 配件清單




- Slide (Couloirs / Conduites) 軌道 / 導槽
- Re-synchronization rod (Barre de synchronisation - Connecteur / Conector para a barra de sincronização) 同步桿連接器
- Re-synchronization rod adapter (Barre de synchronisation - Adaptador / Adaptador para a barra de sincronização) 同步桿轉接器
- Synchronization rod (Barre de synchronisation / La barre de synchronisation / 同步桿 / 轉接器)
- Countersunk screw (4mm) or the System Screw (5mm) - For Slide / Vis à tête fraisée (4mm) ou Vis Longue (5mm) - Pour couloir / Tornillo entallado (4mm) o Tornillo de sistema (5mm) - Conector / 凹孔螺絲 (4mm) 或系統螺絲 (5mm) / 凹孔螺絲
- Countersunk screw (5mm) - For Locking device / Vis à tête fraisée (5mm) - Pour le dispositif de verrouillage / Tornillo entallado (5mm) - Para Paso Pasillo de Bloqueo / 凹孔螺絲 (5mm) - 鎖死螺絲
- Push-Open / Soft Closing Series / Série ouverture par pression + amortisseur / Façil Apertura + Cierre Suave Series / 凹印+緩衝器系列 / ファイルオープンプッシュ/ソフトクローズシリーズ

**1** **Drawer System Spacing Requirement / Système de tirage - espace requis / Sistema De Cacho De Espaço Requerido / 零件間距之要求 / 零件間距之要求**

**16mm Drawer Side Thickness / Epaisseur du côté du tiroir 16mm / Grosor de lateral de cajón de 16mm / 16mm Drawer Side / 16mm 零件厚**



**19mm Drawer Side Thickness / Epaisseur du côté du tiroir 19mm / Grosor de lateral de cajón de 19mm / 19mm Drawer Side / 19mm 零件厚**



**Internal Cabinet Width (W)**  
 Min. Top Clearance

**Drawer Side Height (H)**  
 Min. Top Clearance

**Min. Top Clearance**  
 Min. Top Clearance

**19mm Drawer Side Thickness / Epaisseur du côté du tiroir 19mm / Grosor de lateral de cajón de 19mm / 19mm Drawer Side / 19mm 零件厚**

**Internal Cabinet Width (W)**  
 Min. Top Clearance

**Drawer Side Height (H)**  
 Min. Top Clearance

**Min. Top Clearance**  
 Min. Top Clearance

**Internal Cabinet Width (W)**  
 Min. Top Clearance

**Drawer Side Height (H)**  
 Min. Top Clearance

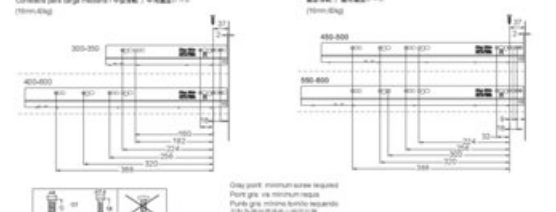
**Min. Top Clearance**  
 Min. Top Clearance

www.kingslide.com

**2 Slide Installation Instruction / Instructions d'installation - Couloirs / Instrucciones De Instalación De La Conduita / 安裝軌道 / 安裝軌道**

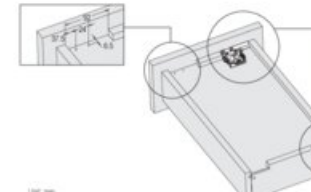
Medium Duty Slide / Couloirs poids moyen / Conector para carga mediana / 中負載系列 / 中負載系列

Heavy Duty Slide / Couloirs poids lourd / Conector para carga pesada / 重負載系列 / 重負載系列



Gray paint - minimum space required / Peinture grise - espace minimum requis / Pintura gris - espacio mínimo requerido / 灰色底漆系列 / 灰色底漆系列

**3 Locking Device / Dispositif de verrouillage / Paso Pasillo de Bloqueo / 鎖死螺絲 / 鎖死螺絲**




**4 Flush-Open Synchronization Rod Specification / Specification de la barre de synchronisation pour ouverture par pression / Especificación Para La Barra De Sincronización De Fácil Apertura / 凹印位置規格 / シンクロソフトの仕様**

Flush-Open Synchronization Kit / Ensemble de synchronisation pour ouverture par pression / Kit de Sincronización de Fácil Apertura / 凹印同步桿 / シンクロソフト動機キット

**16mm Drawer Thickness - Length = Internal Cabinet Width - 20mm / Epaisseur du tiroir - Longueur = Largeur interne du tiroir - 20mm / Grosor de cajón de 16mm - longitud = ancho del gabinete interno - 20mm / 零件厚 - 零件長 = 零件寬 - 20mm**

**19mm Drawer Thickness - Length = Internal Cabinet Width - 20mm / Epaisseur du tiroir - Longueur = Largeur interne du tiroir - 20mm / Grosor de cajón de 19mm - longitud = ancho del gabinete interno - 20mm / 零件厚 - 零件長 = 零件寬 - 20mm**



**Remove burrs on the cutting edges / Retirer les bavures sur les bords coupants / Eliminar las rebabas en los bordes de corte / 去毛刺 / 去毛刺**

Min. Length: 1.5m

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