

## Slide Comparison - May /2019

### Blum Tandem-plus Slides

The Tandem 563H533 21" slide is rated **90 lb Dynamic 100lb Static**;

The Tandem 569H HD series is rated 135 lb dynamic, 150 lb static.

Blum Tandem slides offer full extension, but not a progressive rack and pinion action.

Blum urges a Stabilizer kit for opening widths of **24"** [610mm] or more on Tandem-plus and Movento. The kit sells for about \$25.00 and is time intensive to install. Kits build an outrigger rack and pinion to prevent racking of wide drawers. Stabilizers do not increase the weight rating on a Blum slide.

Only Blum Movento can be used for push-open/ soft close; No Tandem. Blum push-open/soft close is *not* adjustable for load or customer preference.

### Grass Dynapro Slides:

Dynapro are rated **100lb dynamic and 100lb static** according to Grass. We have also test certified Dynapro to **100lb dynamic and 125lb static**, verified by Woodwork Institute.

For heavy drawers, DynaproHD offers 132lb dynamic load rating with a 150 static rating.

Dynapro are **synchronized**, full extension and have progressive rack and pinion action *built into the slide itself*.

Dynapro std weight and HD are rated for drawers up to **48"** wide, without added stabilizers. Rack and pinion are built-in.

Dynapro slides are the "base" for modern Grass options:

Dynapro slides become **push-open/ soft-close** by adding the DP-TIPSC. No need to buy a special slide. One less SKU to worry about. Also the Grass DP-TIPSC is **adjustable** for load and customer preference on the job.

If you simply want to have a push-open w/o soft-close, simply "knock-out" the existing soft-close mechanism and snap in a Tipmatic touch-latch mechanism.

Dynapro slides mount wood drawers, or the modern "**steel wall**" **Vionaro drawer** style. No need to buy a special slide. Easier to prep Grass Vionaro drawers vs the Blum Legrabox (no extra notching on bottom of drawer).

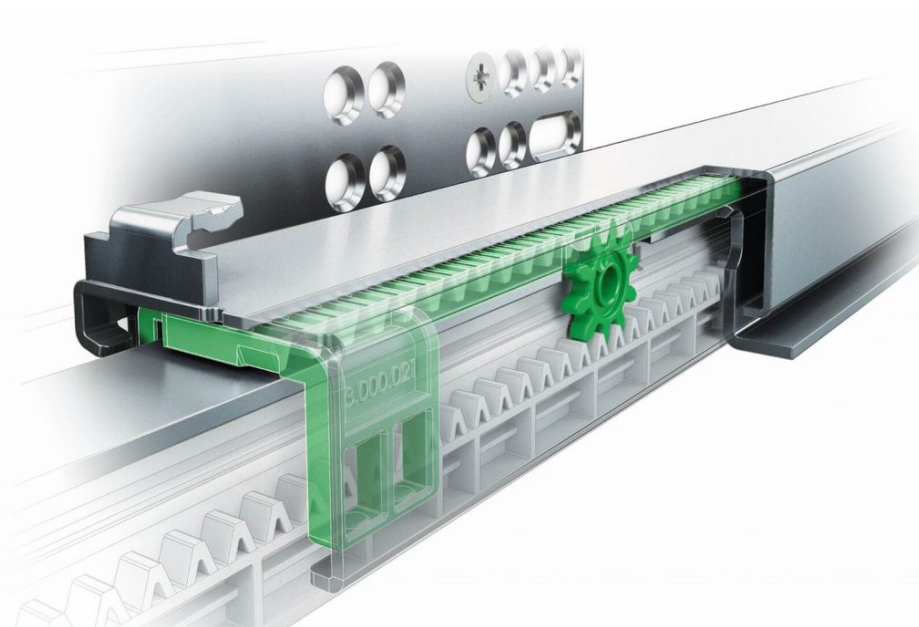
- Blum Tandem-Plus cannot do a touch-open/ soft close, at all.
- Blum Tandem-Plus cannot be used for a steel wall drawer box.

Both DynaPro and Tandem offer height adjustment std. Both offer side adjustment clips. Both offer optional inset depth adjustment. DP-3D and Tandem offer tilt adjustment. see: <https://www.blum.com/us/en/products/runnersystems/tandem/downloads-videos/> [https://www.grassusa.com/downloads/grass\\_catalog\\_dynapro.pdf](https://www.grassusa.com/downloads/grass_catalog_dynapro.pdf)



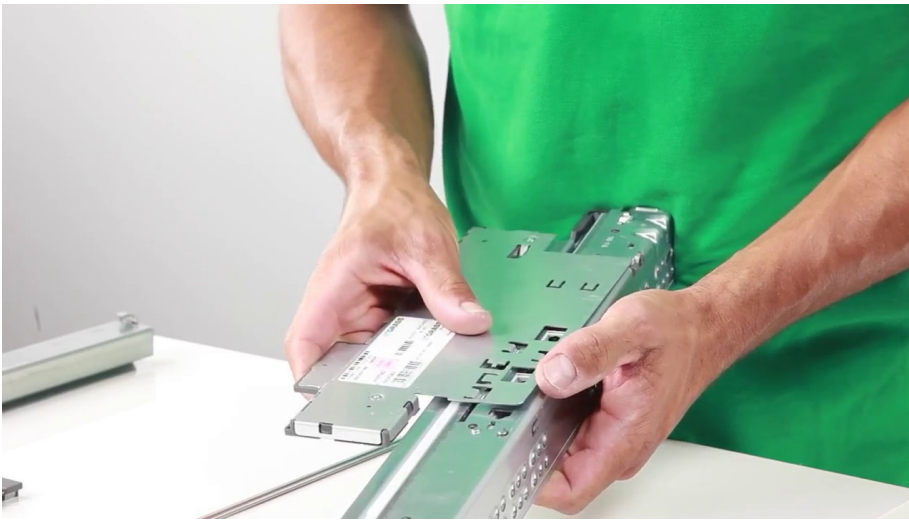
Dynapro - easily adds in/out adjustment. without changing clips.

Blum stabilizer kit installed: rack and pinion outrigger. #BZST.686TU. 01



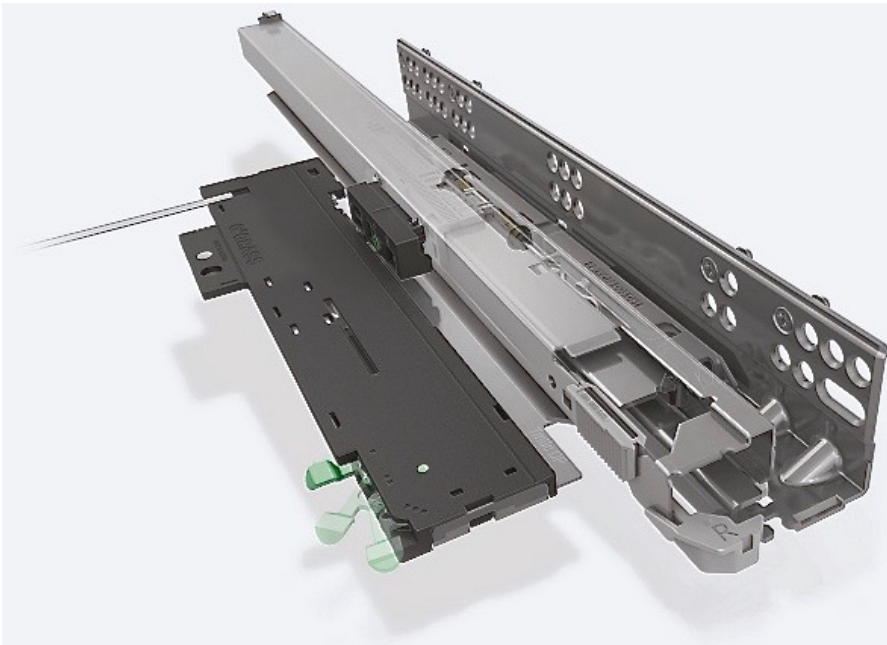
Grass DynaPro rack and Pinion action is **Built-in**.

Rated for drawers up to 48" wide.



Grass - Push to Open/ Soft Close cassette snaps on to the Dynapro slide frame.

View video at <https://macpac1.com//videos.html#grass>



Grass - push to open / soft close cassette shown installed on a std DynaPro slide.



The Grass Vionaro metal drawer system mounts simply onto a DynaPro slide.

Place Drawer on extended Dynapro slide and push in until it engages - click.

Vionaro slide heights are 89mm, 121mm, 185mm, and 249mm in White, Silver Grey, and Graphite.

# Under-mount Slide Load Ratings & Specs 5/2019

Full Extension Undermount	Grass Dynapro Standard Duty	Grass Dynapro Heavy Duty	Blum Movento Standard Duty
Stated Load Capacity (Dynamic) ANSI / BHMA 156.9 grade 1	100 lb (45 kg)	132 lb (60 kg), *110 lb (50 kg)	88 lb (40kg)
Available Lengths	229mm (9") - 533mm (21")	457mm (18") - 762mm (30")	305mm (12") - 533mm (21")
Mounting	FF, Euro	FF, Euro	FF, Euro
Pull Open Force	20 N (4.5 lbs.)	20 N (4.5 lbs.)	?
Front Roller for Inset	Yes	Yes	No
Drawer Box Option	Yes - Vionaro	Yes - Vionaro	
Min. Top Clearance	7	7	7
Drawer Bottom Recess	13	13	13
Bottom Minimal Mounting Height	27	27	22
Height Adjustment	+ 3.5	+ 3.5	+3
Side Adjustment	±1.5	±1.5	± 1.5
Depth Adjustment	+3 optional	+3 optional	-3.5/+2
Tilt Adjustment	+4 optional	+4 optional	+5
Synchronization	Yes	Yes	Yes
Handle-free Opening	Dynapro Tipmatic, Sensomatic	Dynapro Tipmatic, Sensomatic	Servo-Drive, Tip-On, Tip-On
	* Extended lengths (27" & 30"), 110 lb **16mm lengths 15" - 18" only		Depth adjustment with tip-on -1/+2 For use with 16mm material (standard)

Blum Tandem Plus # 563, 563H  
Dynamic 90, Static 100

Blum Movento Std Duty  
#760H Dynamic 88, # 763H Static 125

Blum Tandem Heavy Duty # 569, 569H  
Dynamic 135, Static 150

Blum Movento Heavy Duty  
#766H Dynamic 132, # 769H Static 135  
# 769 Static 170

Blum.com published Load [Lbs] specifications as of May 14, 2019

Grass DynaPro — Std Duty  
Dynamic 100, Static 125 lb.

— Heavy Duty  
Dynamic 132, Static 150 [27",30"; 110/125]

Blum Movento Heavy Duty	Blum New Tandem plus Blumotion	Blum Tandem Heavy Duty	Hettich Quattro 4D V6	Hettich Quadro V6 w/ Silent System
132 lb (60 kg)	90 lb (41kg)	135 lb (61 kg)	90 lb (41 kg)	110 (50 kg)
450mm (18") -610mm (21")	229mm (9") - 533mm (21")	457mm (18") - 762mm (30")	229mm (9") - 610mm (24")	305mm (12") - 600mm (24")
FF, Euro	FF, Euro	FF, Euro	Euro	Euro
?	21.6 (4.8 lb)	21.6 (4.8 lb)	?	?
No	No	No	No	No
	No	No	No	No
7	6	6	6	6
13	13	13	12.7	12.7
22	27	27	25	25
+3	+3	+3	+2	+2
± 1.5	±1.5	±1.5	± 1.5	± 1.5
-3.5/+2	+2.5 optional	+2.5 optional	±2 optional	± 2 optional
+5	+5	+5	±2 optional	± 2 optional
Yes	No	No	No	No
Servo-Drive, Tip-On, Tip-On	Tip On Blumotion	Tip On Blumotion	Quadro V6 w/ Push to open	Yes
l duty & heavy duty)	Blum allow +/- 4.5mm of depth adjustment with elongated holes			