



Heavenly changing table

Changing nappies on cloud 9

A heavenly helper for young families

Practical changing table with integrated wall shelf
– Clever space saver with heavenly flair!



1 Introduction

This baby changer is just right for parents and babies alike; both will be on Cloud 9. An especially practical feature is that this fold-down, space-saving wall shelf creates extra storage room in the children's room for powder, nappies, cuddly toys, etc. What's more, Mummy and Daddy can decide for themselves the height at which they prefer to change baby's nappy. It really is a heavenly helper for a young family.

Required power tools:

- > PST 18 LI cordless jigsaw from Bosch
- > PSB 18 LI-2 Ergonomic cordless combi drill from Bosch
- > PFS 1000 paint spray system from Bosch

Other accessories:

- > Wood drill bit (8 mm) with depth limiter/limiting ring
- > Wood drill bit (1–2 mm) for pre-drilling
- > Drill bit for wall fitting (depending on the wall)

Detailed material list:

pcs	Designation	Length	Width	Thickness	Material
3	Glued laminated timber boards	100 cm	100 cm	1.8 cm	Spruce
1	MDF board	150 cm	100 cm	0.5 cm	
24	Wooden dowels			8 mm	
1	Wood glue				
approx. 50	Wood screws	40 mm		4.0 mm	
2	Wind hooks with eyelet	5 cm			



1	Synthetic fibre rope (load bearing capacity of max. 50 kg)	200 cm		0.5 cm
1	Waxed whipping twine			1 mm
1	Large needle			
4	Eyebolts	30 mm	12 mm	4 mm
1	Brass-coated piano hinge	120 cm	3.2 cm	
30	Wood screws	12 mm		4.0 mm
1l	Silk-matt white paint to DIN EN 71-3			
7	Wall plugs with matching screws (for wall fitting)			8 mm

2 Preparing the glued laminated timber boards

The first step is to saw the glued laminated timber boards into shape as per construction plan.

Start with the base (B.1, see plan) – the shelf on which baby's nappy will later be changed – and the back of the shelf (A.1, see plan) that is to be fixed to the wall and will serve as a support for the baby changer.

Then transfer as per plan the markings for the eight dowels to the outer edges of the baby changer shelf (two on each side). Pre-drill the holes for the dowels with a thin wood drill bit and then finish them off with the 8 mm wood drill bit, taking care to use a depth limiter each time. Next come the sides of the shelf (B.2, see plan). Transfer the measurements to the glued laminated timber.

Rounding off the front of the sides improves their appearance. Before sawing, mark out the rounding with a circle template.

3 Sawing the shelf to size

Now saw the front, rear and side sections of the shelf to size (B.2 and B.3, see plan), using the Bosch PST 18 LI cordless jigsaw. To ensure that the dowels for fixing the side sections (B.2 and B.3) to the shelf are in exactly the right position, mark the pre-drilled holes with a dowel marker and transfer their positions to the side sections.

Then drill the holes as per step 1. Once you have done that, fit all five sections together with dowels and wood glue, and screw the longer wood screws into place from the outside at the points marked in the plan.

Finally, cut the other sections of the shelf unit (A.2 to A.6, see plan) to size.

4 Fitting together the shelf unit

First screw the outside of the shelf unit (A.2 and A.5) to the rear panel. Then arrange the interior shelves according to the plan and screw them to the frame and the rear of the unit. All that remains to do is to varnish the outside of the shelf using a paint spray system such as the handy Bosch PFS 1000 fine spray system, which does the job quickly and easily.



Note: You don't need to paint the interior but you should, as a general rule, use harmless paint (EN 71-3) of the kind that is also suitable for children's toys.

5 Fitting the folding mechanism

The baby changer is gradually taking shape. For the space-saving folding mechanism, screw the piano hinge to the base and rear, i.e. the baby changer shelf and the back, using the short wood screws. This is easy to do with the Bosch PSB 18 LI-2 Ergonomic. Your hand fits automatically into the grip recess while you are drilling and screwdriving, thereby transferring the power optimally.

6 Fitting the eyelets

Attach two wind hooks to the top of the shelf and the eyelets to the front of the baby changer. Folded up, the baby changer shelf can thus be fixed firmly in position – and once it is opened, baby's favourite cuddly toy can be suspended from the wind hook.

7 Sawing out and spraying the clouds

To add a little heavenly flair, paint the shape of a cloud on the MDF board, cut it out with the jigsaw and paint it with the fine spray system. Make sure that the cloud is larger than the surface area of the baby changer so that it creates an attractive framework around the shelf unit. Then fix it to the wall at your preferred height with two wall plugs and screws.

8 Fitting the rope

Now screw an eyebolt into each side section of the baby changer shelf: First pre-drill the hole with a thin drill bit (1–2 mm) and the PSB 18 LI-2 Ergonomic and then fasten the bolt in by hand until it sits firmly in place. Now cut the synthetic fibre rope into two equal lengths, pull it through the eyelets and sew it firmly into place with the needle and whipping twine.

9 Fitting the shelf unit with baby changer to the wall

The next step is to fit the shelf and baby changer to the wall – ideally with five wall plugs and screws arranged at regular intervals and screwed through the cloud. Teamwork might be a good idea at this point.

Finally, fix two eyebolts to the wall through the cloud to the left and right and toward the top of the shelf unit (pre-drill with a thin drill bit and a depth limiter). Run the ends of the synthetic fibre rope from the side sections through the eyelets on the cloud and sew them firmly into place with the whipping twine.

Note: Pay attention to the length of the rope and cut it so that when the shelf is open, it is at a right angle to the unit.

If you like, you can now decorate the wall around the baby changer – painting clouds, for example. That will create a heavenly atmosphere for people of all ages.



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