Small projects

Roll-Shelf
141014

Fedor Gerber
D Hamburg

## (log)On the proceedings for the manufacturing of the shelf on rollers

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A printer hood was sewn from an old kitchen towel a backside with new fabric and a front side of clear plastic sheet.



P102-0105

The white line at the bottom of the clear plastic sheet is woven in lead .

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Starting the manufacturing after first concept tests.

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Cut bars at FM-Stahl early in the morning. Got material from Hagebau

Learned from DEXION-main that Hamburg only has a Mr.Schroeder as

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To order 4x2440 DEXION 140 1x1981, after separate cutting plan

Initial: (hpg-hole pattern grid = 76,2mm; bg-base grid = 19,05mm=3/4inch)

H: 4x11.5hpg -> 46hpg; W: 6x11hpg -> 66hpg; D: 4x5,5hpg -> 22hpg → 134/32 -> 4,2 needs iteration.

After designing W+D to the inside of the shelfs outline it was set to:

H: 11hpg; W: 10,5hpg(80cm); D: 5,25hpg

Dexion 140: lengths uncut: 32hpg, 26hpg

1<sup>st</sup> cut pattern(2times) 1W + 2D + H = 32hpg

2<sup>nd</sup> cut pattern(2times) 2W + H = 32hpg

1x 26hpg for the cross struts which length needs to be calculated yet.

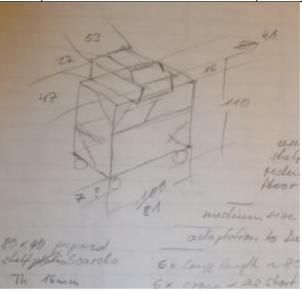
The 8mm bolts for the rolls need min 20mm length.

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A rough concept sketch was made.

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Gauges were changed to implement prefabricated shelf boards of 80Lx40D. Rollers were bought of ~7cm height (from foot point to connector plate).

Dexion grid width was measured as base 3/4 inch -> 19,05mm . The hole pattern grid is 4xbase = 76,2mm.

Starting small project for buildup of a shelf on rollers for the carriage of the printer brother MFC-J5910DW which was integrated to the WLAN this night.

It was envisaged to built it with white DEXION as Material. Rollers from hardware store.

Rough gauges were 110cmHx100Wx50D.

The printer rough gauges are 27Hx53Wx47D.