

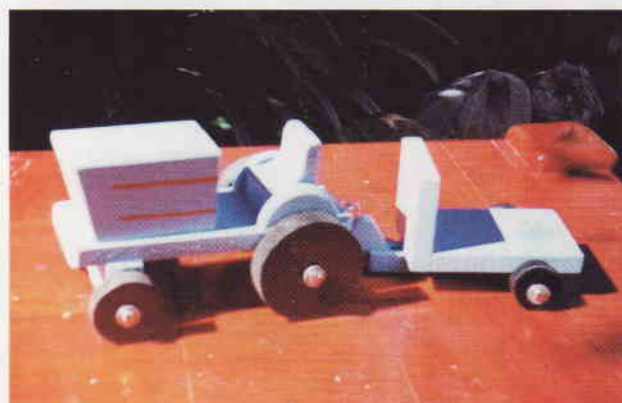
A toy for a boy

This tractor and trailer set is fairly easy to make. G Els of Oudtshoorn shows you how...

This toy set makes a wonderful gift for a young boy. If you intend to make this project as a gift, first find out the colour of the young boy's bedroom for that added personal touch.

The tractor

- Cut the engine wheelguard and seat according to shape and glue and nail all parts to the base.
- Drill a 5mm hole into the engine block for the exhaust as well as a hole through the 20ml dowel.
- Glue dowel to the wire (see graphic) and then glue the wire into engine block.



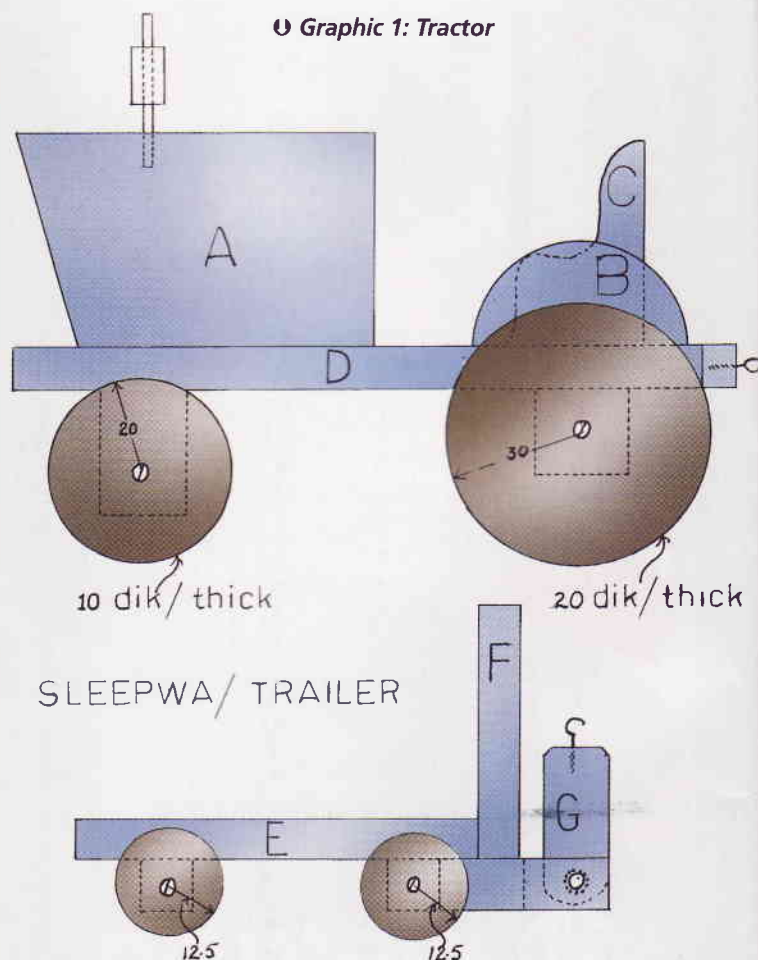
Materials for the tractor

- 1 block 85mm x 50mm x 50mm for the engine
- 1 piece pine 170mm x 60mm x 10mm for the tractor base
- 1 block 47mm x 40mm x 30mm for tractor seat
- 2 pieces of pine 50mm x 25mm x 8mm for wheel guards
- 1 piece of pine 65mm x 20mm x 20mm for rear axle
- 1 piece of pine 65mm x 30mm x 20mm for front axle
- 2 wheels 30mm radius x 20mm thick
- 2 wheels 20mm radius x 10mm thick
- 1 piece of wire 5mm thick x 35mm long
- 1 piece 10mm dowel x 15mm long - the last two for the exhaust.
- Two 3mm x 20mm screws for front wheels and two 5mm x 40mm screws for rear wheels
- 1 eyehook, and 25mm panel pins.

Tools

- Hand plane
- Hand saw
- Coping saw
- Tennon saw
- Drill and drill bits, 3,5mm and 6mm
- Compass to mark out the wheels
- Hammer
- Screw driver

Graphic 1: Tractor



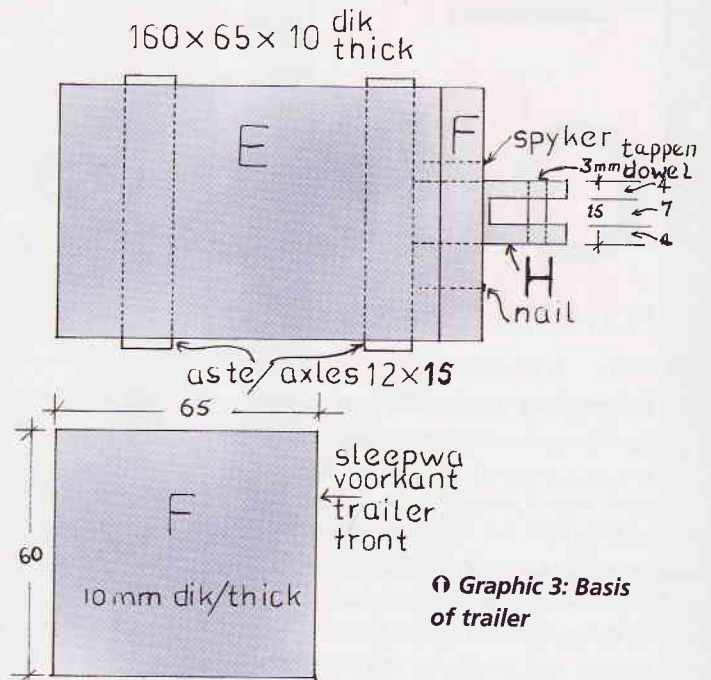
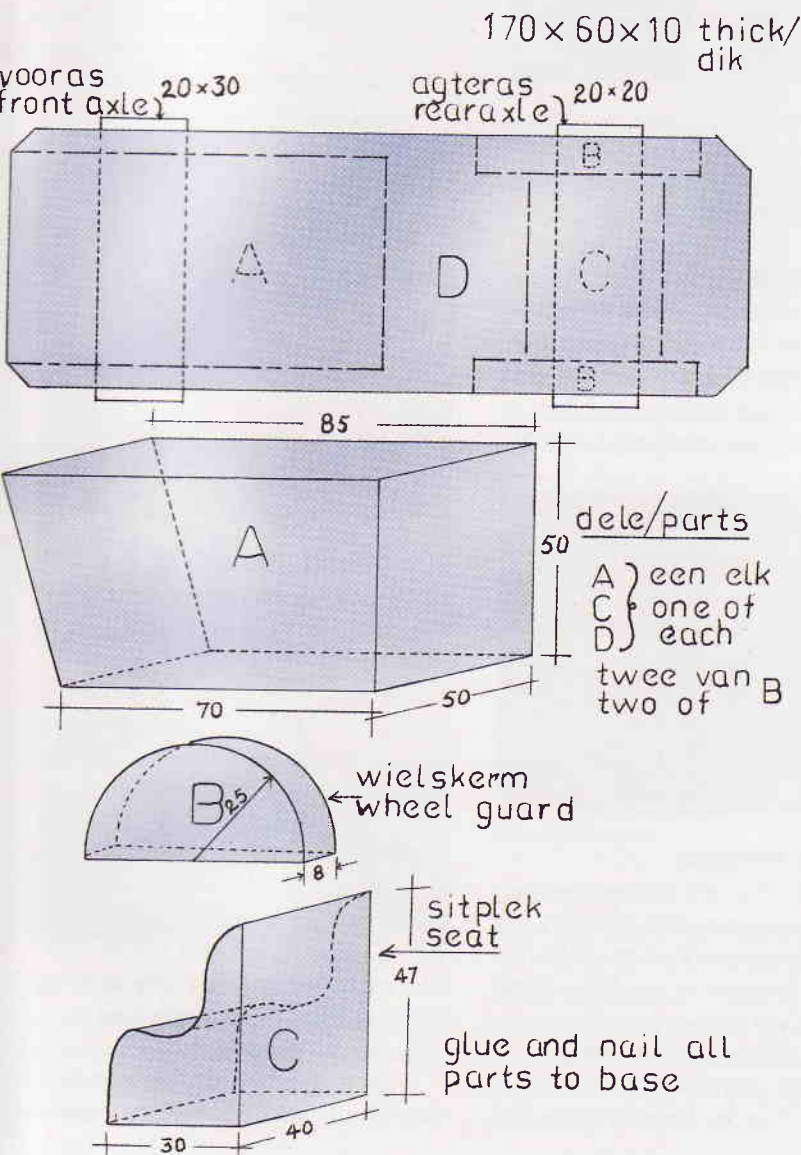
The trailer

- Cut out all the pieces as well as the slot in the drawbar and a 5mm hole through the link.
- Glue the link to the drawbar.
- Screw in the cup hook.
- Glue and nail together.

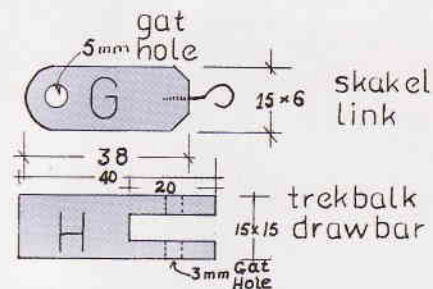
Materials for the trailer

- 1 piece pine 22mm x 65mm x 10mm for base and trailer front
- 2 pieces pine 70mm x 15mm x 12mm for axles
- 1 piece 40mm x 15mm x 15mm for drawer
- 3mm dowel x 15mm long
- 4 wheels 12,5mm radius x 10mm thick
- 4 screws 3mm x 20mm for wheels
- 1 cup hook
- 25mm panel pins

Graphic 2: Basis of tractor



Graphic 3: Basis of trailer



Share your ideas

Are you making something exciting? Have you designed something simple, practical or unusual? Whether it's metalwork, woodwork, brazing, something for the workshop, painting or a great home improvement idea, let's hear about it.

Send a quality colour print of your Reader's Project, and include a detailed tools and materials list, step-by-step instructions and drawings to: *The Home Handyman* Reader's Project, PO Box 379, Edenvale 1610.

Please include your full name, day-time telephone number and street address details.

This month's reader's project wins a Bench Grinder with a 370 watt motor from Startel.

