

Toy box and cart

Bore $\frac{3}{4}$ in. dia. hole through side rails (1), at centre $1\frac{3}{16}$ in. from front end. Round off front corners to $\frac{1}{2}$ in. radius.

Dowel-joint end rails (2) to sides, but do not glue yet. Centre of front end rail is $2\frac{1}{8}$ in. from end of side rails. Back end rail is flush with side rails.

Bore $\frac{3}{4}$ in. dia. hole $\frac{1}{4}$ in. deep in top of handle uprights (3) at centre $\frac{1}{16}$ in. from end. Bore $\frac{3}{4}$ in. dia. hole through handle uprights at centre $\frac{7}{8}$ in. from bottom end.

Glue handle bar (4) and pivot bar (5) into handle uprights, pivot bar projecting 1 in. on each side.

Finish uprights and pivot bar with clear polyurethane and handle bar with white gloss paint.

Glue dowel joints in cart frame, with pivot bar inserted in side rails. Glue and pin stop strip (6) to front end rail, top edges flush. Glue and pin side and end fillets (7,

8) to cart frame, flush with bottom edges.

Drill holes for axles through side rails at centres $\frac{1}{2}$ in. up from bottom edge, $3\frac{7}{8}$ in. from front end and $2\frac{3}{8}$ in. from back end.

Chamfer outside edges of cart to $\frac{1}{8}$ in. all round. Finish cart with clear polyurethane.

Paint top surface of bottom panel (9) with white gloss paint. When dry, glue bottom panel to fillets.

Cut $3 \times \frac{3}{4}$ in. handle holes in box sides (10) at centre 1 in. from top edge. Glue and pin sides to box ends (11). Glue and pin box bottom (12) to edges of sides and ends.

Finish box with coloured polyurethane or gloss paint.

Cut axles $13\frac{1}{4}$ in. long. Pass axles through holes in frame and fit wheels with hub clips.

Cut play blocks from $1\frac{7}{8} \times 1\frac{7}{8}$ in. pine or white beech. Sand smooth and soften edges. Finish with clear polyurethane or Ronseal Coloured Hardglaze.

PARTS LIST

No.	Name	Quantity	Long	Wide
1	Side rails	2	$16\frac{1}{2}$ "	$2\frac{3}{8}$ "
2	End rails	2	$9\frac{1}{4}$ "	$2\frac{3}{8}$ "
3	Handle uprights	2	$13\frac{1}{2}$ "	$1\frac{3}{8}$ "
4	Handle bar	1	$8\frac{1}{4}$ "	$\frac{3}{4}$ " dia.
5	Pivot bar	1	11"	$\frac{3}{4}$ " dia.
6	Stop strip	1	$9\frac{1}{4}$ "	$\frac{1}{2}$ "
7	Side fillets	2	$12\frac{1}{4}$ "	$\frac{7}{8}$ "
8	End fillets	2	$8\frac{1}{4}$ "	$\frac{7}{8}$ "
9	Bottom panel	1	$12\frac{1}{4}$ "	$9\frac{1}{4}$ "
10	Box sides	2	12"	7"
11	Box ends	2	$8\frac{1}{4}$ "	7"
12	Box bottom	1	12"	9"

HARDWARE: two Fobel axles and four Fobel 3" wheels

Note: dimensions are finished sizes; when ordering timber, allow extra



The cart with

This robust beech cart can be used with or without the toy box. The blocks can be cut from pine or beech.

When ordering timber, allow extra for waste

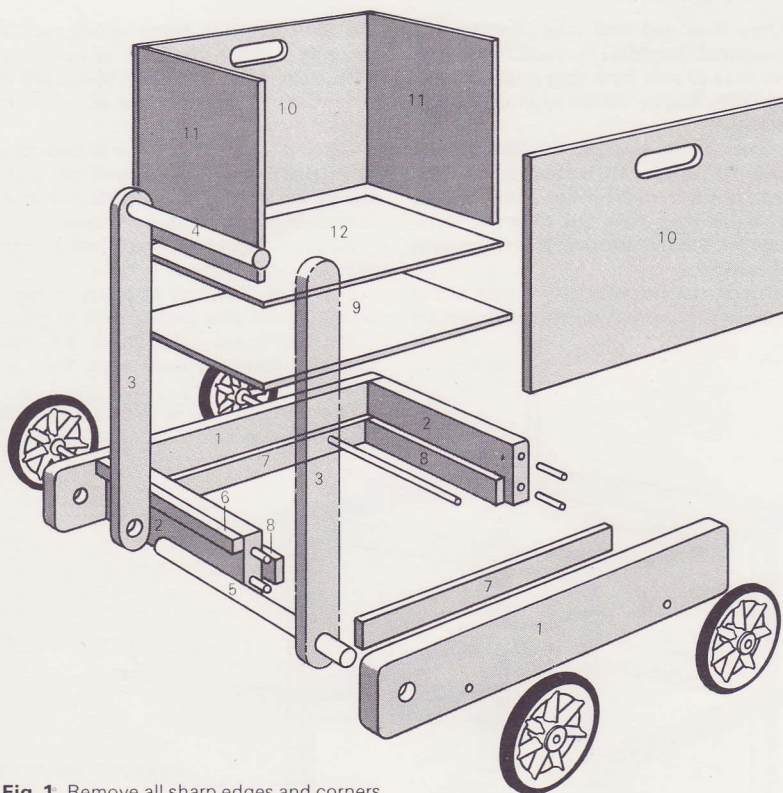
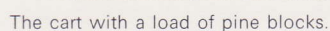


Fig. 1^o. Remove all sharp edges and corners from both cart and box.

Form CM 2A