

MANUFACTURING A STEEL / ALUMINIUM TROLLEY

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On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

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The trolley is manufactured from round section steel tube, solid section round steel, sheet steel, square section steel tube and square section aluminium tube.

Why do you think a combination of materials have been used to manufacture this trolley?

Why does the shelf have 'slots', where material has been removed?

For each of the identified parts, name the metal and section, giving reasons for their inclusion.

PART	SECTION	REASON
HANDLE		
SIDE		
STRENGTHENING PIECE		
SHELF		

Steel can corrode if its surface is left unprotected. What type of corrosion forms on the surface of unprotected steel?

Describe the various ways in which steel can be protected from the corrosion you named above.
