

Science and Technology Storage



Gratnells

Everything in its place.

Our system, your solution



At Gratnells, we know how crucial the preparation of science equipment is to the successful teaching of science in schools. That's why we have designed a complete science storage equipment system for prep-rooms and science areas.

Whether it's our metal frames and trolleys and our four different heights of tray, wide wood trays for long glassware, or our tray inserts and lids, we have the perfect science storage solution for you.

But that's not all. Gratnells products have won prestigious industry awards, meet all relevant British and international safety standards and are intelligently designed specifically for school science departments. That's why Gratnells is the number one brand in school science storage.

Over the past 35 years we have gained an excellent reputation for innovative products, superb customer service and export to more than seventy-five countries. Or put another way, buying Gratnells products gives you the strength of a global company.

So, when it comes to science room storage systems, ours is the best solution.

Prep-Rooms

Gratnells can help make the most of the space in any Prep-Room. For example, Gratnells sturdy frames accommodate our range of super-tough trays. So the frames can easily cope with the typical range of science materials and equipment that need storing.

Chemical Stores

For safety in the chemical stores powdered chemicals are placed directly onto shelves. Bottles are put into trays to cover any leakage. The translucent trays help technicians see the contents. Polypropylene is chemically resistant to the majority of chemicals used in schools in preference to polystyrene.

Technology Stores

With a range of colours to choose from colour coding is easy. Gratnells trays have been passed by the British Standard Institution for *heavy educational use* so are perfect in a tough environment.

Workshops

Trolleys are an ideal way to store heavy equipment that needs to be moved around. Workshop equipment can be placed near machines for easy access and still be tidied away at the end of the day.



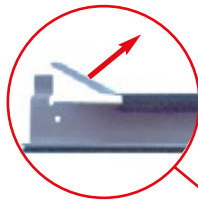
The Adjustable Gratnells Systems

How it works

- Construction

The Gratnells Tray Storage System is based on the patented slotting of square tube to take nylon coated **adjustable** steel tray runners and steel shelf clips. Frames and Trolleys are constructed of 25mm sturdy 18 gauge square steel tube with slots at 25mm intervals. Trolleys are supplied with 75mm heavy duty castors.

Lift the LUG upwards to fix the runners securely in place.



Patented slots for adjustable tray runners and shelf clips.



Full width runner support for tray.

Shelf Clips

- Finish

All parts are degreased and phosphated to increase scratch resistance before applying Gratnells Grey, white, beige, silver or royal blue epoxy coating in a matt finish.

- Self assembly or fully assembled

Self assembly is supplied flat packed with instruction leaflet. For large installments, arrangements can be made for assembly for flat packed items. **Fully assembled** items have the runners welded in place and so delivered complete. See our website or call for more details on these options.



- Tall treble width frame example

The above example consists of a 3625 frame with Flame Red trays, 6 single column shelves, 18 shallow trays, 3 deep trays, 3 jumbo trays and 24 pairs of tray runners. Why not make up your own combination? See pages 6 and 7.



Plan your storage

Now planning your storage is easy with our new drag and drop software. Our new GratBuild planner allows you to work out your perfect storage combination.



Simply go online to www.gratnells.com/GratBuild, pick your frame and then simply drag the tray and shelf combination you want onto the frame. The planner tells you how many trays, shelves and runners you need to order.

ADJUSTABLE STORAGE

Tall Storage

Gratnells tall frames are the key to successful storage. The tall frames are complete with tops, adjustable feet, and back diagonal bars for additional rigidity. Brackets to join the frames or fix to the wall are available in pairs.

This frame is designed for small items with four heights of tray, a clip-on lid common to all heights, and inserts with 3, 4, 6 and 8 sections for the shallow trays. See our many storage options on pages 6 and 7. Shelves can be fitted to store heavy items of similar width. Both trays and shelves are **fully adjustable** depending on the height of the contents. You can fit louvred end panels with mini bins.

REMEMBER

All frames and trolleys can be supplied empty so you can choose your own tray and shelf combinations. Use GratBuild (details p3) to help plan your trays per column.

TREBLE COLUMN -

1055 x 420 x 1850mm high

ref: 3625 empty



Wide Storage

The wide frame helps store the largest items. Mixing steel shelves and wood trays make the most of the flexible Gratnells system.

STEEL SHELVES

Wide steel shelves are specially strengthened for heavy loads and have upturned 25mm back and sides.

WIDE COLUMN -

1055 x 420 x 1850mm high

ref: 3622E



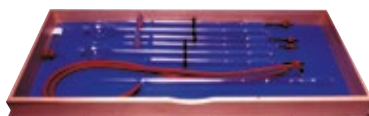
WIDE WOOD TRAYS

Wide wood trays slide in the standard tray runners. Constructed of 20mm hardwood with 6mm plywood base and finished in clear lacquer. Designed for long glassware, burettes, posters and A3 paper.

Burettes



Hoffman & Distillation Leibig Apparatus



WIDE WOOD TRAY

External measurements: 998(w) x 418 (d) x 75mm high

Internal measurements: 935(w) x 385 (d) x 70mm high

ref: 23

Roller Storage

When storage space is at a premium, a Gratnells Rolling Storage System provides an ideal solution.

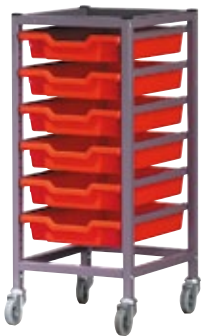
Each Roller System is tailored to your requirements and therefore prices vary. Call for details.



Standard Trolleys

There is a different trolley to suit every need. All Gratnells trolleys are supplied with heavy duty 75mm castors fitted into solid steel blocks for extra strength. The recessed tops are removable with open corners for easy cleaning. The trolleys are available in two heights, for under bench storage (725mm) or level with standard surfaces (850mm). Choose between Gratnells grey, white, beige, silver or royal blue.

Note: Images below show 825mm high trolleys with six shallow trays per column. 725mm high trolleys take only five shallow trays per column.



SINGLE COLUMN
370 x 420 x 725/850mm high
ref: 1025S



DOUBLE COLUMN
710 x 420 x 725/850mm high
ref: 2025Q



TREBLE COLUMN
1055 x 420 x 725/850mm high
ref: 3025N



Heavy duty castors for tough school life.

Specialist Trolleys



ORGANISER TROLLEY
710 x 420 x 850mm high

Add 2 louvred end panels to the popular double trolley to create extra storage. Mini bins and hooks can be fixed on for small items.

ref: CDT1



LARGE ITEM TROLLEY
1055 x 420 x 725/850mm high
710 x 420 x 725/850mm high

For power packs and extra wide items this trolley is the perfect solution.

ref:
1055mm **3022W**
710mm **2022W**



PROJECTOR TROLLEY
513 x 482 x 890mm high

Move LCD projectors from class to class. This trolley is supplied with one shelf and two clear plastic trays.

ref: PROJ1



PAPER TROLLEY
488 x 482 x 710mm high

Perfect for next to the photocopier. With welded runners and beige epoxy coated frame, choose between red, blue, yellow and green trays.
ref: 801

AWARD-WINNING TRAYS

4 Heights of Tray

The material used to make the trays has been chosen for quality and safety. For quality the trays are made from talc filled Polypropylene giving strength and rigidity. For safety Polypropylene is chemically resistant to the majority of chemicals used in schools and semi fire-retardant at 0.22mm per min. There is also an anti-static additive in the Polypropylene to reduce the attraction of dust. All trays are of standard width and fit into all school furniture and come with a absolute minimum of five years guarantee.



- Passed for heavy educational use.
- Available with lids and inserts.
- Available in 4 heights.
- Clip-on Polypropylene lids.

All trays measure 312mm wide



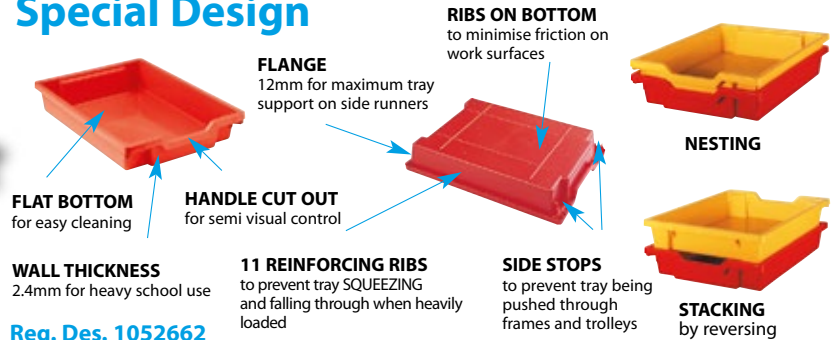
Shallow
75(h) x 427(l) mm
ref: F1

Deep
150(h) x 427(l) mm
ref: F2

Extra Deep
225(h) x 430(l) mm
ref: F25

Jumbo
300(h) x 430(l) mm
ref: F3

Special Design



FLAT BOTTOM
for easy cleaning

HANDLE CUT OUT
for semi visual control

WALL THICKNESS
2.4mm for heavy school use

11 REINFORCING RIBS
to prevent tray SQUEEZING
and falling through when heavily
loaded

Reg. Des. 1052662

RIBS ON BOTTOM
to minimise friction on
work surfaces

SIDE STOPS
to prevent tray being
pushed through
frames and trolleys

NESTING

STACKING
by reversing



WORLDIDAC AWARD
for excellence

Gratnells is a member of



Accessories

F1 & F2 Colours

1 Tropical Orange	8 Steel Blue
2 Sunshine Yellow	9 Flame Red
4 Olive Green	10 Grass Green
5 Plum Purple	12 Dark Brown
6 Royal Blue	14 Magnolia
7 Fuchsia Pink	15 Charcoal Grey

F25 & F3 Colours

16 Maroon	2 Sunshine Yellow
17 Midnight Blue	6 Royal Blue
18 Forest Green	9 Flame Red
19 Light Grey	10 Grass Green
20 Translucent	20 Translucent
21 Jet Black	5 Plum Purple
22 Cyan Blue	7 Fuchsia Pink
	22 Cyan Blue

 3 section insert IN3PACK	 4 section insert IN4PACK	 6 section insert IN6PACK	 8 section insert IN8PACK	 Multi-section inserts IN6DPACK	 Multi-section inserts IN2+1PACK
 30 section insert White only IN30PACK	 30 Stopwatches Foam insert FOAM30STOPWATCH	 30 Lab Bottles Foam insert FOAM30BOTTLES	 30 Safety Glasses Foam insert FOAM30GLASS	 30 Calculators Foam insert FOAM30CAL	 30 Calculators Foam insert FOAM30CALSC582
 30 Graphics Calculators Foam insert FOAM30CALFX83	 15 PDA Foam insert FOAM15CALGRAPHICS	 4 sizes of thickness - 5mm - 15mm - 45mm - 50mm Blank Foam Insert ref: 5mm thickness HP3844 ref: 15mm thickness FOAM15BLANK ref: 45mm thickness FOAM45BLANK ref: 50mm thickness FOAMBLANK		 Clip-on lids Translucent clip on lids to fit all tray sizes LF1	 FREE Labels Self adhesive labels FREE with tray orders TL1

See full range of inserts on www.gratnells.com

* For F1 only

** For F2 tray only

*** For F25 tray only

COMPLETE STORAGE UNITS

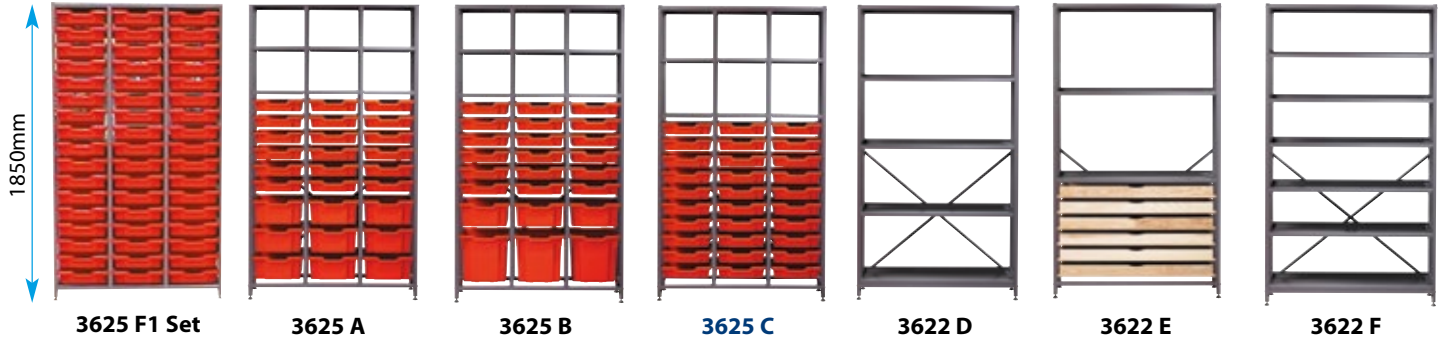
Dimensions

WIDTH - Single = 370mm Double = 710mm Treble = 1055mm

DEPTH - All units = 420mm

Frames available in Grattells grey, beige, white, silver or royal blue hard wearing epoxy coating.

TALL FRAMES

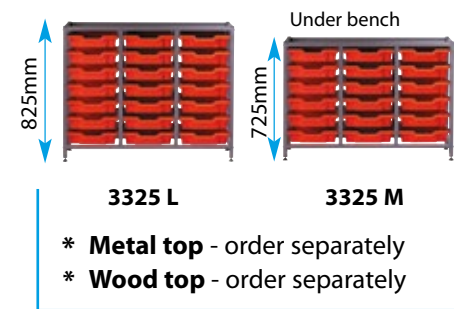


MID HEIGHT FRAMES

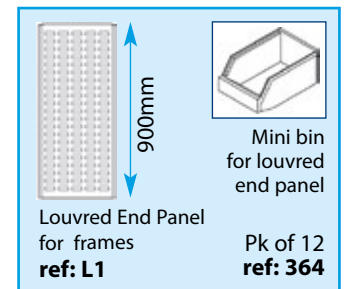
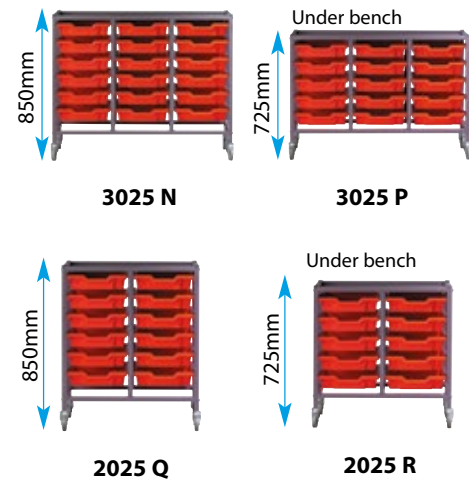


REMEMBER
All frames and trolleys can be supplied empty so you can choose your own tray and shelf combinations.

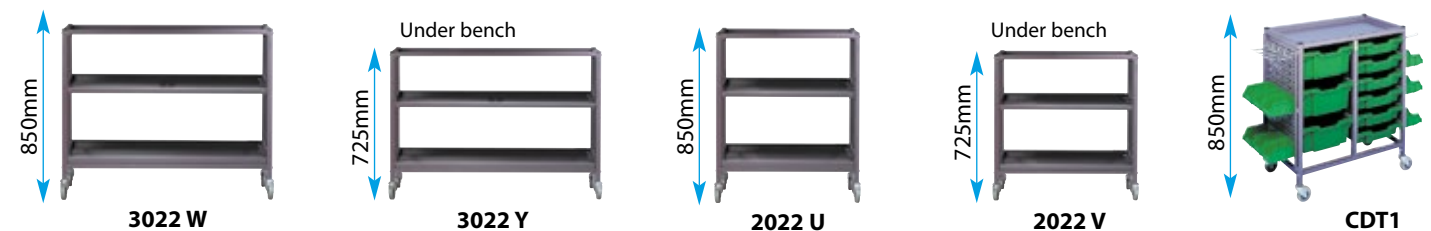
LOW FRAMES (No Top) *



TROLLEYS



TROLLEYS (continued)



FREE Gratnells design and quote service

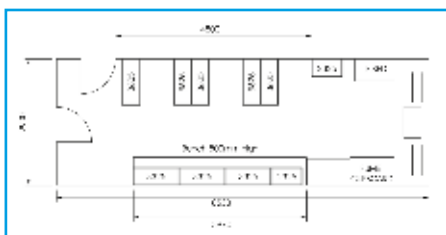
If you need some advice planning your school science lab or prep-room storage we can help. Our storage advisors know all about planning perfect storage and would be happy to meet you and discuss your plans.

The Gratnells Design Team will be pleased to provide a layout and quotation from architect drawings or your own sketches with the necessary measurements.

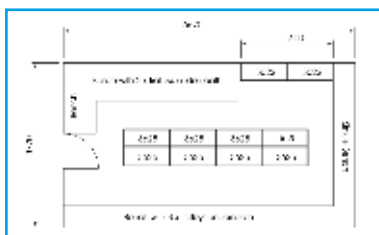


TYPICAL LAYOUTS AND APPROXIMATE COSTS

MAKING UP INDIVIDUAL FRAME REQUIREMENTS



From **£2,340**



From **£4,536**

Specify Gratnells trays in your Laboratory furniture

3D Planner

If you are planning a prep-room or lab our 3D Planner is the perfect tool to help you organise your storage.



With our 3D Planner you can plan your science storage quickly and with no hassle. The 3D Planner contains all the standard items needed for your prep-room, including frames, trolleys, trays and tray inserts. You can rearrange and try different floor plans until you're satisfied with the result, then view it in 3D and print the plan with all the measurements – just like an architect or specifier.



You can also order a free copy of 3D Planner on a disc. Call us on **01279 401550** for details.

Check out our 3D Planner software and view a complete prep-room walkthrough at:

www.gratnells.com/PlanningDesign/Schools.aspx

Get these Gratnells Special Reports FREE

These Gratnells Special Reports provide essential information for anyone designing or planning Prep-Rooms, Science Labs and Chemical Storage.

1. Prep-Room Design

Aimed at reducing the number of poorly designed and equipped Prep-Rooms specified by those who have little or no experience in the area.

2. Science Lab Design

Science Lab design and recommended standards are covered in detail. A must for anyone refurbishing a Science Lab or considering a new one.

3. The Chemicals Store

This Special Report focuses on the design of storage accommodation for hazardous chemicals in School Science Departments.

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