

WHITE PAPER

GYMNASIUM EQUIPMENT

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CHOOSING THE RIGHT EQUIPMENT & MANUFACTURERS FOR YOUR GYM



Product: Basketball goals and folding backstops, Mendenhall Center Las Vegas, Nevada.
Photographer: Matt Oberer of mattphoto, Albuquerque, New Mexico.

- Build a custom solution that surpasses your expectations in quality, design and innovation when you work with Draper—one of the largest manufacturers of gym equipment in the U.S.

When beginning a gym project, the first question to ask is, “What do I need in my gymnasium?”

On the surface this sounds like a pretty silly question. Everyone knows what goes in a gymnasium. There should be basketball backstops, volleyball equipment, and maybe some wall-mounted P.E. equipment such as chinning bars and horizontal ladders. But choosing the right gym equipment is more complicated than that. There are many options out there designed to fit different needs, so the people planning your facility should sit down and talk about what is expected of your new gymnasium.

BASKETBALL

Basketball backstops are among the first thing discussed when designing a new gym. There are several options depending on what you want to do:

Wall, ceiling, or both: If there is room in your gym, ceiling suspended backstops allow for more seating and “safe

areas” around the main court. Wall-mounted units make good practice side courts.

Folding backstops: Both wall-mounted and ceiling-suspended can be “folded” up and out of the way using winches, allowing for multiple uses of a facility—other sports or non-athletic events can benefit from overhead space cleared by getting the backstops out of the way.

VOLLEYBALL AND OTHER SPORTS

Having volleyball and other equipment means having options, and providing activities for other groups or skill levels. With built-in floor anchors and covers, it can be a simple task to set up a section of the gym for volleyball and other activities. There are also practice cages available that can be raised above when not in use, then lowered to allow batting practice without endangering others using the gym.

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ABOVE: Gym dividers give you the ability to simultaneously host multiple activities.
INSERT: Having options such as volleyball and other net sports is important for providing activities for more than one group, or for people of various skill levels.

GYM DIVIDERS

How often is a gym used for only one thing at a time? Often there are times when it would be nice to be able to host multiple activities simultaneously. To accomplish this, consider gym divider curtains. Divider curtains are easily lifted out of the way when not in use. Curtains also allow you to divide your facility into smaller spaces to be rented to or used by outside groups, providing additional revenues.

FLOOR COVERS

Unless you are planning to build a facility that will be used for one sport only, you might want to consider floor covers. Floor covers protect your hardwood floor during non-gym activities, and are easily rolled onto carts to be wheeled away into storage.

PHYSICAL EDUCATION EQUIPMENT

For strength development and testing, you should also consider physical education equipment. Climbing ropes, chinning bars, and horizontal ladders can be mounted in unobtrusive places, providing more activities without taking up a lot of space.

WALL PADS AND OTHER PROTECTION

Like it or not, people can be injured when participating in sports. Make sure to take into account the proximity of the walls to the activity areas. Wall pads are a key part of your gym protection plan; they should go not only on outer walls, but also around supportive pillars and posts. Padding should also be placed on backboards and volleyball or tennis posts. Protective covers for clocks and other items are also available.

A SECOND QUESTION

The other often overlooked question is, “Which manufacturers will provide you with the desired type and quality of gymnasium equipment and related products for your space?”

Currently there are eight recognized manufacturers of basketball backstops and many more so-called “garage shops” that can “throw something together” to hang a backboard. There are also numerous suppliers for gymnasium divider curtains, wall pads, volleyball equipment, and related physical education equipment. Quality and breadth of products and features can vary greatly, so how do you narrow down the list and choose manufacturers?



Wall pads not only protect, they can also add to your gym design.

SOME POINTS TO HELP GUIDE YOU:

THE DISTANCE FACTOR

Consider manufacturers who are active and locally represented in your area. Don't allow a factory representative or dealer to "assist" in preparing specifications, then list only their company and others that are out of business or have never sold product in your vicinity. This unscrupulous practice serves no good purpose and should make you question the ethics of those providing this so-called "assistance."

ONE-STOP SHOPPING

Choose manufacturers who can provide all necessary gymnasium products. Allowing local representatives or general contractors to piecemeal this equipment from multiple sources normally leads to added cost, coordination problems, and confusion when future service or warranty issues may arise.

BACKING UP THE PRODUCT

Choose manufacturers who offer extended warranties. Don't accept just a one year warranty. You should expect a lifetime warranty for backboards and warranties of 25 years on support structures, five years on winches and divider motors, five years on safety straps, three years on breakaway goals, eight years on bolt-on edge padding, 10 years on volleyball posts, and five years on volleyball

winches. There are at least three manufacturers who offer standard warranties like these. Accepting a subpar warranty could come back to hurt you later.

BE COLORFUL BUT DURABLE

Look for manufacturers who provide powder coat finishes and color options. Powder coating insures the equipment looks like a finished product, arrives in good condition, and will look good for years. Gym equipment has evolved from "you can get any color you want as long as it is flat black primer." Today's color options allow equipment to follow building schemes, match school colors or virtually disappear when folded against roof structure of the same hue.

STAY SAFE

Accept only manufacturers who provide independent test results showing the strength and safety of their equipment. Hanging heavy gymnasium equipment overhead can lead to significant property damage, personal injury, or worse if clamps and fittings fail. The best gymnasium equipment manufacturers can produce results from accredited testing agencies and calculated safety factors of at least 50 to 1. Do not accept equipment that may be unsafe.

By considering these points when developing your plans for a new gymnasium, your job becomes easier and you will have a safe facility that will provide years of trouble free service.



Choose a reputable manufacturer who can bring it all together for you—safely!

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