

SCHOOL LAUNDRY PLANNING FILE





Laundry Systems for schools, colleges, clubs and pro teams

WHY INSTALL AN ON-PREMISES LAUNDRY?

1. Launder everything on premises.

A Milnor on-premises laundry can handle all of an athletic facility's clean fabric needs in a simple manner. Milnor washer-extractors can process game, practice and physical education uniforms, towels, socks, jocks, undershirts and sweatsuits, plus such items as mop heads, rags, protective pads, tennis and basketball shoes, and many types of dummy and sled covers.

2. You won't be caught short.

On-premises laundering eliminates "caught short" situations. It gives you a ready supply of towels, socks, jocks and undershirts. This is especially important during weekends and holidays, when outside services are not available.

3. Get more use from less inventory.

An on-premises laundry provides more use from less inventory. Smaller stocks meet your needs since you are no longer dependent on pickup and delivery. Towels, socks and undershirts can be laundered immediately after use and be ready again in about an hour if necessary. Smaller inventories mean less storage space and more money for investment elsewhere.

4. Control quality, sanitation.

On-premises laundering assures quality processing because you are in control. You can prolong fabric life by using a distinct formula for the specific degree of soil. Milnor's E-P Plus® washer-extractors make this easy, with several specific formulas developed and field-tested by chemists for athletic facilities.

5. Minimize staph infection.

Because items in an athletic facility are often used from a common inventory, it is important to maintain strong, sanitary safeguards. Milnor washer-extractors, which combine commercial washing action with the ability to wash at high temperatures, can help prevent staph contamination of laundry. Besides helping prevent staph infection, immediate, professional laundering of equipment in an on-premises laundry also keeps the locker room better smelling since foul-smelling equipment goes straight to the laundry.

WHAT IS NEEDED FOR AN ON-PREMISES LAUNDRY?

1. Equipment

Operating an athletic on-premises laundry is simple. Washer-extractor, dryer, sink, folding table and supplies are generally all you need. Often, an institution's existing hot water, gas, and electrical services are sufficient. An on-premises laundry is basically an extension of the locker room.

A top quality washer-extractor, with a proven track record in commercial use, brings professional laundering ability to your institution. It will make better use of water and soap, improve washing quality, and handle bulky items. It's best to get a machine with a large cylinder, which provides the ability to launder items such as uniforms, mop heads, and cleaning rags.

Dryers can use gas, steam, or electric heat (gas is regarded as the most efficient). For faster drying and less wrinkling of polyester materials, it is generally desirable for the dryer to be rated at a slightly larger capacity than the washer-extractor. An area for folding is necessary, too. A 2' x 6' table proves sufficient for most institutions. After folding, the items simply have to be stored.

2. Space

An on-premises laundry doesn't require much space. An equipment room or an existing storage room is adequate for many facilities. Milnor washer-extractors have been installed in corners, walk-in closets, basements and garages. A Milnor dealer's laundry planning department provides specially prepared layout drawings for large facilities at no charge.

3. Labor

In some institutions, there is no need for additional help. Existing employees can handle the laundry during the slower parts of the day. Equipment that is easy to operate is essential to maintain consistent quality and production. Milnor's E-P Plus machines are particularly easy to use. The operator simply loads the machine, pushes a button to select the formula, pushes the start button, and can go on to other tasks since the machine requires no more attention.

WHAT SHOULD YOU LOOK FOR IN A WASHER-EXTRACTOR?

1. Easy operation

The washer-extractor you select should have easy automatic controls that make operation simple and free the operator to handle other duties. With Milnor's preprogrammed E-P Plus machines, the operator simply matches the type of goods being loaded to the formula named for these goods ("towels", for example), then pushes a button. Operation of field-programmable formulas is similar. Formulas on the alphanumeric display can be named to match goods, making selection easy. Because so little judgment is required, new employees get the knack quickly. Substitute employees can take over with ease, too.

Automatic supply injection further reduces operator responsibility and helps ensure consistent quality. Milnor machines readily accept liquid chemicals, making hookup fast and easy. Other factors to look for are a large, accessible door for fast loading/unloading, and a door safety interlock which prevents opening while the machine is operating.

2. Laundering quality

Washing flexibility should not be sacrificed for operation simplicity. Only a commercial washer-extractor, with professional tumble washing action, can properly clean ground-in dirt and grass and blood stains.

A cylinder with a large diameter should be among the top priorities when choosing a washer-extractor. The large diameter provides the lift and drop action necessary to clean hard-to-laundry items. When comparing machines, compare actual cylinder dimensions and specific cubic foot volumes.

Also, look for microprocessor controls which give a greater range of processing choices as well as more accurate control over how goods are processed. The pre-programmed formulas in Milnor machines were developed specifically for the needs of athletic facilities. They are not common-denominator formulas. The formulas differ in number, type, time and temperature of baths, as well as supply injection. By pushing a button, these formulas can be adjusted for either permanent press or all-cotton fabrics. The machines are available in 25 to 160 lb. capacities.

3. Heavy duty construction

Rugged construction -- from top quality materials -- is imperative if you expect long-term service. Check competitive brands to see if their construction stands up to Milnor specifications. Compare spec literature. There can be a big difference in quality.

Milnor machines stand apart from others with features like:

- large, tapered roller bearings and a triple shaft seal to shield bearings from water on classic rigid-mount and soft-mount machines
- ball bearings and double water seal prevent grease loss and contamination on cabinet machines
- the exclusive use of continuous, rather than spot, welding for greater strength and reliability
- the simplicity and dependability of heavy duty, single-speed motors
- pre-extract load balancing speed to reduce vibration and extend machine life, and
- a console constructed of heavy gauge materials

ATHLETIC BUSINESS

(Excerpted and reprinted with permission)

Good-Looking Uniforms at Jesuit High School

The laundry at Jesuit High School in New Orleans is geared for two goals: speed of operation and longer-lasting, better-looking varsity uniforms. With it, Jesuit can launder and finish the 110 football jerseys generated by a game in just two hours.

On-premises laundering is less expensive than sending uniforms out, and far superior to the only other option—letting students take uniforms home to wash, says Jay Keller, assistant football coach, who also supervises the laundry. Keller cites the need to replace at least 15 uniforms annually when the latter option was attempted. “Pants came back faded, and the blue color of the jerseys would fade onto white numbers and trim,” he says.

The new laundry has resulted in uniforms that look better and wear longer. The flexibility of Jesuit’s two 50-pound washer-extractors is the key, says Keller. The machines are programmed with specific formulas designed for a professional wash that is consistent from load to load. All functions of the machines are automatic, enabling the operator to simply load, select the formula and then unload. Other byproducts of the laundry are fewer losses and the ability of having clean uniforms on hand at all times.



Clean uniforms keep the dressing room smelling better as well. “Keeping unwashed uniforms for two or three days is a bad practice. Besides the deterioration of the uniforms and the smell, it can lead to rashes and infections that spread from player to player,” says Keller.

The 625-square-foot laundry is located in Jesuit’s new 45,000-square-foot physical education building. It is equipped with two Milnor 50-pound, chart-operated washer-extractors, two 100-pound Cissell dryers and folding tables. Uniforms go straight from the folding tables into the players’ two-way storage lockers, which feature loading sides located in the laundry room.

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PELLERIN MILNOR CORPORATION
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Athletic Business

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Tips on Reducing Towel Service Costs

Points to consider to reduce the cost of providing towel service:

- If space is available in the club, an in-house laundry will almost always be less expensive in the long run than contracting with an outside source. Five-year leases are usually available to minimize the up-front capital costs.
- Some method of towel control is needed to reduce the incidence of towel loss and theft. The simplest method is to issue towels at the reception desk, with members exchanging their membership cards for towels. The cards are then returned when the members bring back the towels.
- The card-exchange method is not foolproof, especially when front-desk personnel don't enforce the policy. If management is serious about reducing towel loss, the importance of strict enforcement should be emphasized to the staff.
- Part of the reason staff members don't enforce the policy is resistance from members, who feel they deserve special treatment. If this or any other method of towel control represents a new policy at the club, care must be taken to be diplomatic, and to work with members to ensure that they understand the reasons for the policy.

One way to overcome resistance may be to use some of the expected savings to upgrade the quality of the towels provided.

- Finally, it must be recognized that there may be 'hidden' costs to enforcing towel policy. The primary cost may be in member resentment, which in the long run might more than offset expected savings.

For that reason, some club operators choose to build a certain amount of towel loss into the operating budget, chalking up the expense to the cost of doing business.

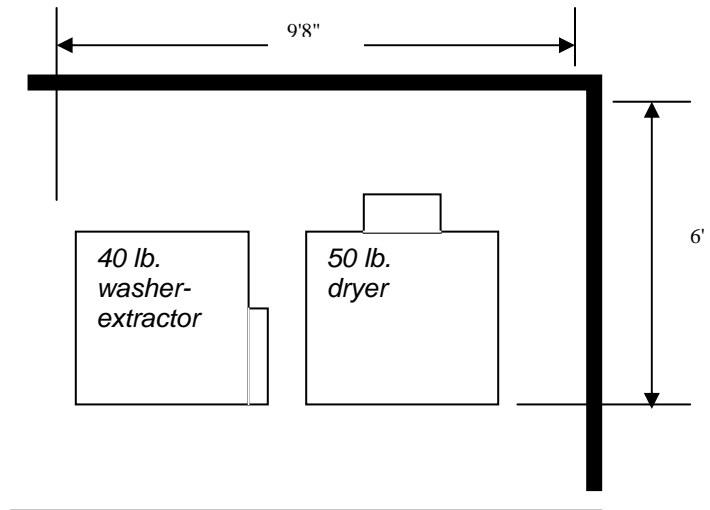
Sample Layouts for athletic laundries



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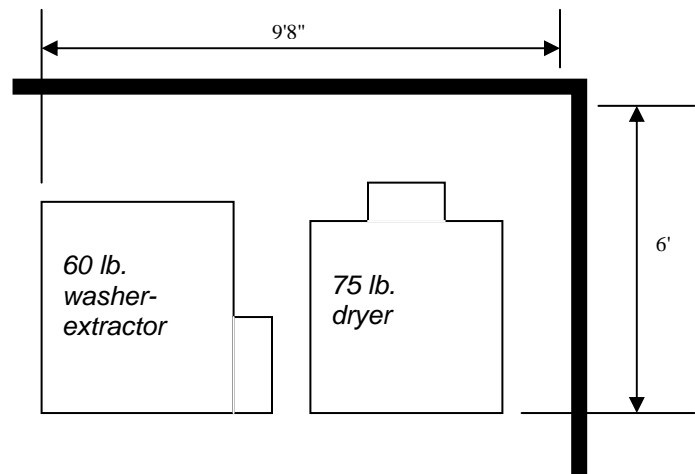
100-130 towels per hour

MILNOR model 30015 VRJ
washer-extractor



150-185 towels per hour

MILNOR model 30022 T6X
washer-extractor



Towel volumes shown with layouts should be used only as guidelines, as towel weights and sizes differ. Figures are based on 1.25 loads an hour. Sample layouts should not be used for construction, as individual requirements and space availability will vary.

An on-premises laundry can also handle many other items in-house...

... including athletic clothing, washable athletic shoes, staff and maintenance uniforms, mats and throw rugs, wiping cloths, mop heads, and restaurant linens. Service charges for laundering members' clothing can help pay for the machines.

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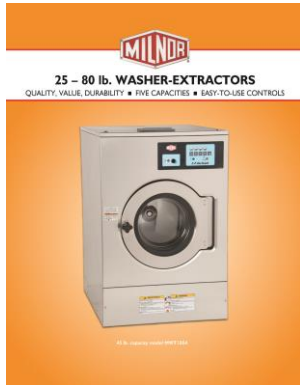
ATHLETIC WASHER-EXTRACTOR CAPACITIES

| | weight in lbs. | MILNOR 25 lb. models | MILNOR 35 lb. models | MILNOR 40 lb. models | MILNOR 45 lb. models | MILNOR 60 lb. models | MILNOR 80 lb. models | MILNOR 100 lb. models | MILNOR 140 lb. models | MILNOR 160 lb. models |
|--------------------|----------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Towels | 0.4 | 63 | 88 | 100 | 113 | 150 | 200 | 250 | 350 | 400 |
| T-shirts | 0.35 | 71 | 100 | 114 | 129 | 171 | 229 | 286 | 400 | 457 |
| Shorts | 0.44 | 57 | 80 | 91 | 102 | 136 | 182 | 227 | 318 | 364 |
| Socks (1 pair) | 0.08 | 313 | 438 | 500 | 563 | 750 | 1000 | 1250 | 1750 | 2000 |
| Compression shirts | 0.25 | 100 | 140 | 160 | 180 | 240 | 320 | 400 | 560 | 640 |
| Football pants | 0.75 | 33 | 47 | 53 | 60 | 80 | 107 | 133 | 187 | 213 |
| Nylon mesh jerseys | 0.25 | 100 | 140 | 160 | 180 | 240 | 320 | 400 | 560 | 640 |
| Cotton jerseys | 0.4 | 63 | 88 | 100 | 113 | 150 | 200 | 250 | 350 | 400 |
| Baseball uniforms | 1.15 | 22 | 30 | 35 | 39 | 52 | 70 | 87 | 122 | 139 |
| Sweatshirts | 0.45 | 56 | 78 | 89 | 100 | 133 | 178 | 222 | 311 | 356 |
| Sweatpants | 0.45 | 56 | 78 | 89 | 100 | 133 | 178 | 222 | 311 | 356 |
| Equipment bags | 1.3 | 19 | 27 | 31 | 35 | 46 | 62 | 77 | 108 | 123 |
| Swimming suits | 0.33 | 76 | 106 | 121 | 136 | 182 | 242 | 303 | 424 | 485 |
| Mop heads 12" | 0.5 | 50 | 70 | 80 | 90 | 120 | 160 | 200 | 280 | 320 |
| Mop heads 24" | 1.1 | 23 | 32 | 36 | 41 | 55 | 73 | 91 | 127 | 145 |

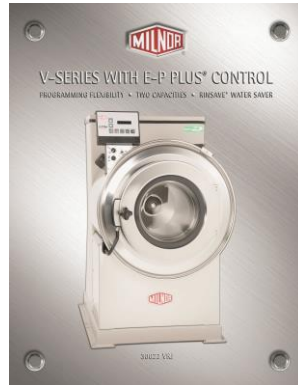
These figures are based on sample items. Weights and sizes of some brands differ, and therefore the figures should be used only as guidelines

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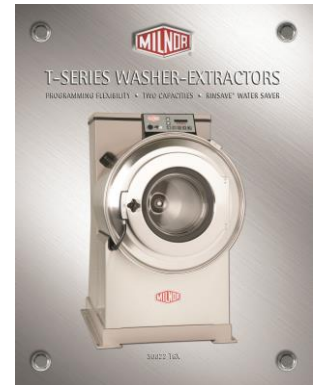
MORE INFORMATION FOR SCHOOL LAUNDRY PLANNING



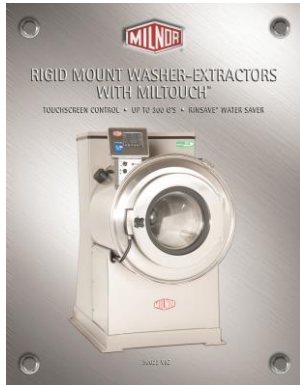
[MWT-Series](#)



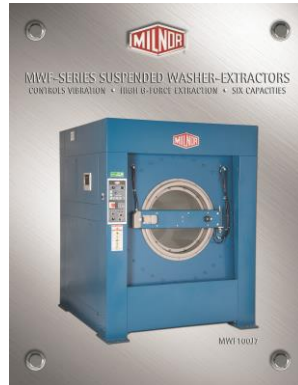
[V-Series with E-P Plus® Control](#)



[T-Series](#)



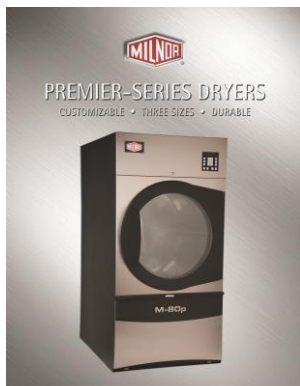
[Rigid-Mount with MilTouch™](#)



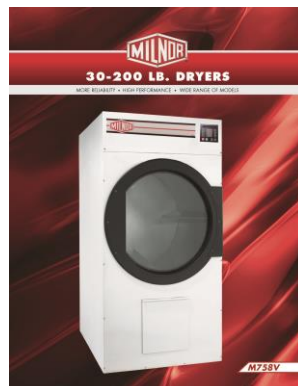
[MWF-Series](#)



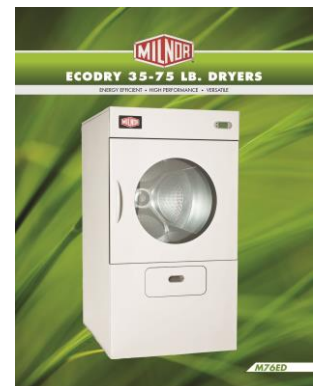
[X-Series](#)



[Premier-Series](#)



[30-200 lb Dryers](#)



[Eco-Dry](#)

For more information, visit www.milnor.com/brochures