

HOSPITAL LAUNDRY PLANNING FILE



Laundry Systems for healthcare institutions

WHY INSTALL AN ON-PREMISES HEALTHCARE LAUNDRY?

1. Launder everything on premises.

A MILNOR on-premises laundry can handle all of a healthcare institution's clean fabric needs in a simple manner. MILNOR washer-extractors can process patient gowns, pajamas and personal apparel, adult diapers, towels, linens, mattress covers, blankets, pillows, plus such items as employee uniforms, slip covers and cleaning rags. Many types of rugs and drapes can be processed in a MILNOR on-premises laundry.

2. Enhance the image of your institution.

Many operators have enhanced their image of quality, and brightened their patient's environment, through tasteful fabric selection. Everything from linen to drapes can be selected in the colors and patterns of your choice and processed in your MILNOR equipment.

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, linens, and patients' apparel 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. You won't be caught short.

On-premises laundering eliminates "caught short" situations. It gives you a ready supply of adult diapers, linens, towels, patient gowns, and pajamas. This is especially important during weekends and holidays when outside services are not available.

5. 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 healthcare facilities. MILNOR washer-extractors also combine commercial washing action with the ability to wash at high temperatures so you can be sure sanitary safeguards can be maintained. MILNOR Staph Guard[®] washer-extractors, installed in a wall separating clean and soiled areas, are available for medium and large sized institutions where infection control is vital.

WHAT IS NEEDED FOR AN ON-PREMISES LAUNDRY?

1. Equipment

Operating a healthcare 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 your present services.

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 diapers, 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 linen storage room is adequate for many facilities. An unproductive room with a poor location may also be used or a combination of these rooms could be used in a large institution. A larger, central laundry can serve affiliated facilities near each other. A MILNOR dealer's laundry planning department provides specially prepared layout drawings for facilities at no charge.

3. Labor

In some institutions there is no need for additional help. Existing housekeeping and maintenance 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 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 stained linen, soiled diapers, and dirty apparel.

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 preprogrammed formulas in MILNOR machines were developed specifically for the needs of healthcare 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 the bearings from water
- 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

PulseFlow® Technology takes the Crown in Columbia, MS

When Crown Health Care opened its fourth laundry, in Columbia, Mississippi, Pellerin Milnor provided a comprehensive service including plant design, machine supply and installation, start-up and training. The project was the first in the Crown group to install PulseFlow Technology tunnel washers



MAINTAINING HIGH STANDARDS: Rick Hamlin, Crown Health Care's chief operating officer (left), is seen here with Scott McClure of Pellerin Laundry Machinery Sales. Hamlin said that ever since his company first worked with Pellerin and Milnor they have helped Crown to maintain quality standards for its customers. The project in Columbia was "seamless"

Founded in 1955, Crown Health Care Laundry Services is an independent full-service healthcare laundry processor and linen rental company with headquarters in Pensacola, Florida. The company has a long history of using Pellerin Milnor and Chicago Dryer equipment in its laundries and when it needed to equip its fourth plant, located in Columbia, Mississippi, Pellerin Laundry Machinery Sales Company was the obvious choice.

As the authorized sales and service provider for Pellerin Milnor, ADC, Energenics, E-Tech, and Chicago Dryer, the company not only equipped the laundry but also designed the layout, co-ordinated equipment delivery, installation, rigging and assembly and organised start-up and training.

Don Haferkamp, Crown's CEO said: "Our mission is to provide health care linen and laundry services to customers that demand quality and cost control through the best possible use of linen. Crown is more than a supplier and forms long-lasting partnerships with customers by providing exceptional support and integrity.

"We chose to partner again with the Pellerin team and its vendors because they understand the importance of customer service and support for all four of our laundries. The recent addition of our 85,000ft² laundry in Columbia allows us to serve our customers more efficiently."

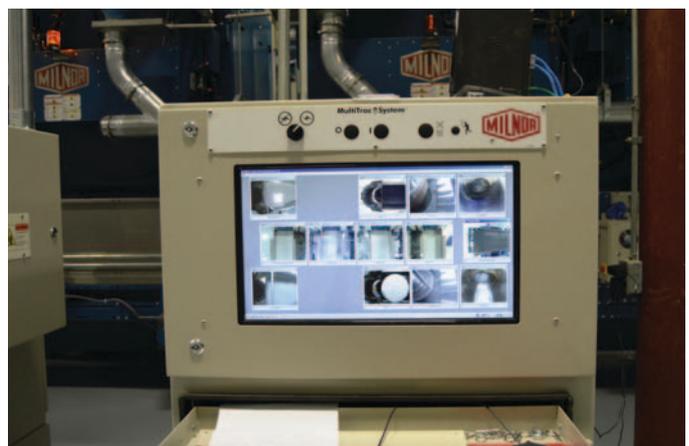
The Columbia laundry is the first in the group to install Milnor's PulseFlow® Technology tunnel washers.

WATCHFUL EYE: With camera feeds to photo-eye sensors on the discharge conveyors, the MultiTrac system can watch out for the risk of work queues building and take action

The two Milnor 76039 10-module tunnels are capable of providing in excess of 4,536kg (10,000lb) of clean healthcare linen per hour and Rick Hamlin, Crown's chief operating officer, said that the PulseFlow® tunnels achieve a water consumption of less than 4.5litre/kg (0.5gal/lb) throughout the plant. He added that Crown is very satisfied with the quality and performance of the PulseFlow tunnel system.

The Columbia laundry began processing linen in May 2014. Hamlin pointed out that the workflow is crucial to the design of any laundry. Milnor was able to create a continuous workflow by integrating E-Tech rails to transport linen throughout the production lines.

After extraction in the two MP1656 56bar single-stage presses, the work is automatically taken by the E-Tech press-to-dryer rail system to the next available storage belt





HIGH VOLUMES: Two 10-module PBW tunnels process over 4,536kg/hour

between any of the pairs of Milnor 6464 dryers. Then a discharge belt takes the load to a clean-side rail which will transport it to the next production stage. As soon as the dryer's discharge door closes, its load door will open so the next linen batch can be loaded in seconds. This dryer pod configuration minimises the time it takes for washed work to be delivered to the finishing area.

The Milnor dryers feature a significant innovation – GreenFlex™ (automatic energy mode), which dynamically modifies the airflow to reduce fuel consumption at off-peak times. GreenFlex can switch the dryers to a more energy-efficient mode when longer drying times are needed but if the MultiTrac™ system identifies a risk of a queue forming it will automatically switch off GreenFlex. In this way the plant can reduce energy use without compromising the workflow or drying quality.

The whole laundry is equipped with touchscreen controls and batches are tracked, and the data saved, throughout the production lines. The Mentor® Controls for each CBW have embedded video of the load chute while the MultiTrac System Control has camera feeds to all photo-eye sensors on the discharge conveyors. All batches are completely traceable, viewable, and recorded on the MilMetrix® Dashboard.

The boiler room is equipped with a Kemco heat-exchanger, boiler stack economiser and condensate return vent condenser. This system captures heat (energy) from the pit water, condensate return and boiler stack and uses it to



PRESS-TO-DRYER TRANSPORT: The E-Tech rail system is seen here delivering washed and extracted linen to the dryers

produce tempered and hot water for the washer-extractors and the PBW™ tunnels.

Labour is the highest cost in most laundries. Crown and Pellerin designed the Columbia plant to be completely automated from the E-Tech sorting system, through delivery to the tunnels and dryers, and then to the Chicago sheet separators and feeders. In most cases operators are only involved at three points in the production line.

The Columbia, Mississippi laundry currently operates one shift and delivers clean linen to its customers six days a week.

Rick Hamlin said: "Pellerin and Milnor stand behind their product. Ever since the Quitman, Georgia plant, the level of service we received from Pellerin has helped us maintain standards for our customers. The Columbia laundry was a seamless project thanks to Pellerin."

"Our goal is to offer a consultative, proficient approach throughout the design-build process," said Scott McClure, vice-president of sales for the Pellerin Laundry Machinery Sales Company. "We have a long-lasting relationship with Crown because of our mutual understanding of the importance of customer service and support," he added.

For over 50 years, Crown Health Care Laundry Services has remained a top quality linen and service provider in Florida, Georgia, Alabama, Mississippi, Louisiana and South Carolina. Opening the Columbia laundry has allowed Crown Health Care to offer a more efficient service for its customers in Mississippi and Louisiana. ■

Meet Milnor in Milan at Expo Detergo

Milnor International, Pellerin Milnor's European arm, will be exhibiting a range of developments on its stand at Expo Detergo (V29/Z30 Hall 4). Thierry Lambermont (pictured right), who was recently appointed managing director, will be on hand to discuss the machines including the MWF-Series of suspended washer-extractors and the 48040 tilting washer, a robust machine with 125kg (250lb) capacity, which is joining the F-Series. Both are available with the E-P Plus® or MilTouch™ controls.

The MWF-Series is the latest product innovation to result from the recent Milnor/CSM joint venture partnership. The MWF-Series is ideal for commercial and OPL businesses as the machines give excellent wash quality, can be programmed to suit requirements and have a soft-mount frame. They are available in 27kg (60lb), 45kg (100lb), 63kg (140lb) and 77kg (170lb) capacities.

The stand will also feature an eight-module 68kg (150lb) capacity 76039 PBW™ and laundry owners can find out more about how they can have a seamless PBW project like Crown Health Care.



ImageFirst Clearwater cuts its water bill in half



HEALTHCARE LAUNDRY: ImageFIRST is the largest provider of linen and garment rental and laundry services to medical practices throughout continental United States and Puerto Rico. Its Clearwater laundry processes linen from area out-patient, ambulatory, diagnostic, endoscopy, imaging centres, hospices, and surgery centres

Pictures courtesy of Rossie Newman Photography, St Petersburg FL

One recent success for Milnor's PulseFlow® Technology is the installation of a PulseFlow tunnel at the ImageFIRST healthcare laundry in Clearwater, Florida

Since 2009, Milnor's PulseFlow® Technology has been winning over customers who are impressed with the unprecedented water and utility savings. An estimated 500 million gallons of fresh water will be saved in 2013 alone thanks to more than 150 PBWs™ sold worldwide.

One of Milnor's latest successes is the installation of an eight-module PulseFlow tunnel at the ImageFIRST laundry in Clearwater, Florida. ImageFirst is the largest provider of linen and garment rental and laundry services to medical practices throughout the continental United States and Puerto Rico.

Despite PulseFlow's many successes, Tim King, partner and general manager at the Clearwater plant admits he was never a fan of tunnels, believing that they couldn't get whites white because there is no agitation.

His 43-year career had included posts at four commercial laundries but none of them had used tunnel washers. When he decided to retire in 2003, aged 50, he had never run a tunnel-washer laundry. Then just two weeks later his friend Rich McKeivitt at Steiner Atlantic called to tell him that ImageFirst Clearwater, a small healthcare laundry, was looking to expand. So King came back out of retirement and returned to the laundry business as partner and general manager.



PBW TUNNEL LINE: In addition to an eight-module 70kg PBW, the tunnel line includes the MP1656 70kg 56bar single-stage press (pictured) and six 64058 TG1 140kg pass-through dryers

ImageFIRST, Clearwater was founded by Tim Ryan and Sharon Pulnik in December 1999. It owns various types of healthcare linen, including 18 different styles of hospital gowns and also processes doctor coats, employee scrubs, bed linen, operating towels and bath towels.

The laundry has now grown from its original 185m² (2,000ft²) to encompass all ten units in the office park at a total of 3,716m² (40,000 ft²). The weekly sales have gone from zero to nearly \$160,000.

As business grew, so did the demand on the ageing equipment – two 204kg (450 lb) open-pocket washers.

As ImageFIRST Clearwater's partner and general manager,



SUCCESSFUL PROJECT: Rich McKeivitt (left) of Steiner-Atlantic Corporation with the ImageFirst partners, general manager Tim King, sales manager Sharon Pulnik, president/owner Tim Ryan, and CEO J C Ryan, in front of a Milnor 64058 TG1 dryer at Clearwater

Tim King understood that the production would benefit from a tunnel washer, but was unsure of the quality.

Rich McKeivitt introduced him to the PulseFlow Technology and they both flew to New Orleans to tour the Milnor factory with regional sales manager Sam Kielman and president Jim Pellerin. The tour was followed by a visit to one of the first PulseFlow laundries, which processes healthcare linen.

King said: "I saw at first hand how white the linen came out. PulseFlow is what changed my mind about tunnel washing. With a top-transfer tunnel, you get the lift-and-drop effect just as you do as in a washer-extractor."

ImageFIRST worked with Pellerin Milnor, Steiner-Atlantic, and Speed Check to design the new tunnel system, which included one eight-module 76039 70kg capacity PBW tunnel washer, one MP1656 70kg capacity 56bar single-stage press, and six 64058 TG1 140kg capacity pass-through dryers.

When it was time for the installation, Tim King relied on Rich McKeivitt again. King knew that McKeivitt could see the project through seamlessly even though this was his first major installation.

McKeivitt was responsible for every person involved in the installation – from plumbers and contractors, to every manufacturer represented – Milnor, Chicago and Speed Check.

"We never missed a heartbeat of production," said King. "To be able carry out an installation without having to shut me down kept me from outsourcing my linen, which would have been a huge expense."

"Steiner-Atlantic's Ralph Munson did an amazing job of ensuring the safety and professionalism, too. I can't say enough about how good our environment was during the installation. It went flawlessly."

Along with large open-pocket washer-extractors, the laundry features two 42026 V6J 64kg capacity washer-extractors, one 30022 V6J 27kg capacity washer-extractor, one M175 77kg capacity dryer, and one M410 186kg capacity open-pocket dryer.

This equipment mix processes hospital scrubs (with

snaps), mats, and rewash items, which accounts for approximately 17% of the daily production – 2,200kg per day.

Cutting water costs and saving labour

ImageFIRST Clearwater now runs as much linen as possible through the tunnel because of its inherent savings. Since the plant began using the tunnel in December 2012, the laundry's water and sewer bill has been effectively halved even with the continued use of the two large open-pocket washer-extractors.

The PulseFlow tunnel is consistently consuming 3.49litre/kg and has allowed the laundry to go from a 17.5hour day to a seven hour day, eliminating an entire shift.

The laundry also uses Milnor's Mldata® software to monitor, record and analyse production data.

Tim King and the company's partners – president/owner Tim Ryan, CEO/partner J C Ryan, and sales manager/partner Sharon Pulnik – are delighted with their decision to purchase a Milnor PulseFlow tunnel.

King is also excited about introducing PulseFlow Technology to other ImageFIRST franchisees next month during the biannual profit enhancement meeting.

ImageFIRST requested that the next meeting be held in Clearwater so group members could better understand the revolutionary tunnel washing concept and potentially implement it in their own laundries.

Tim King and his ImageFirst partners hope to grow their business even more, so they may purchase another PBW tunnel. They already know where it will go – in the building across the street, as they've already leased all 10 units in their complex.

King said: "I am an extreme stickler for quality. I demand it from my vendors and employees, so I can give the best quality linen to our customers for their patient care. PulseFlow has enabled me to offer the very best to our customers, while allowing us to reduce our work day to only one shift and to cut our water bill in half." ■

PulseFlow sets fresh standards for healthcare laundering



BEST IN EVERY WAY: The Goodwill healthcare laundry in Miami aims to be state-of-the-art in every respect

When non-profit company Goodwill Industries diversified into healthcare laundering it aimed to build a plant that would represent the ultimate in state-of-the-art design for the sector throughout the USA. The company knew it needed to do its homework thoroughly

Goodwill Miami's CEO Dennis Pastrana, senior vice president Peter Roberts and vice president Harry Ramsarran approached Ralph Tuccillo at Milnor's authorised dealer Steiner-Atlantic Corporation with a request for proposal (RFP) to "build one of the most state-of-the-art healthcare laundries in the USA."

Tuccillo jumped at the opportunity and advised the Goodwill team on the benefits of PulseFlow® Technology, which include minimal fresh water consumption, uncompromising wash/rinse quality and faster process times.

After weighing the options, Milnor's PulseFlow Technology proved a decisive factor and the Goodwill team chose Steiner-Atlantic over the other equipment manufacturers that bid on the project.

Dennis Pastrana said that Goodwill's entry into the healthcare laundry business was "a bold decision" that took eight years to materialise. The move is expected to reinforce

the diversified entrepreneurial activities that generate the revenues to support the human-services mission of the Miami-based non-profit company.

David Graumlich, the laundry manager at the Goodwill plant, said that Ralph Tuccillo was the key person on the project from the beginning. He was on the site every day and his input was instrumental in deciding the laundry's layout and in the choice of a "shuttleless" design.

The plant is energy efficient, thanks to the two Milnor 76039 PulseFlow tunnels. These eight-module, 68kg (150lb) washers each process up to 2,100kg (4,700lb) hourly.

They are true top transfer machines and the interrupted counterflow allows an average fresh water consumption of only 3.49litres/kg (0.42gallons/lb). The PBW™ washers will help the laundry save over 5.6million litres (15million gallons) of fresh water.

Goodwill has installed two Milnor MP1656 single-stage presses to extract moisture from the processed goods. Each has a capacity of 68kg (150lb) and is rated at 56bar.

These presses are efficient and have reduced maintenance requirements. The optional door-mounted exhaust fan eliminates chemical vapour exhaust and the standard ratcheting ram device rotates the ram 10degrees after each pressure to prevent wear on the diaphragm.

The presses also have a wider basket that produces thinner

EFFICIENT AND HYGIENIC: Milnor's PulseFlow Technology is central to the Goodwill healthcare laundry concept helping the laundry to save water, boost productivity and ensure strict hygiene. Here the tunnels are being loaded in the "soiled side of the laundry"





ECO EFFICIENT: The plant is eco efficient and its two Milnor PBW™ tunnel lines process up to 2,100kg (4,700lb) per hour with an average fresh water consumption of 3.49litres/kg (0.42gallons/lb)

cakes that retain less moisture and therefore need less drying time. Goodwill's ten 64058 pass-through dryers are energy efficient thanks to the dryer pod configuration that prevents bottlenecks and increases productivity. The dryer pod design eliminates the need for shuttles in the laundry, promoting safety in the workplace.

Graumlich says that the dryer pod design goes "hand-in-hand" with Goodwill's concept of uninterrupted service to its hospital customers. This design means that "there is one fewer major component and production pinchpoint to fail" and he adds that all managers know the importance of that factor.

The laundry began operation in September 2013 and by early 2014 production had reached 5,445,000kg (roughly 12million lb). By working double shifts, it hopes to eventually achieve 18,000,000kg (40million lb).

The PulseFlow tunnel lines are used for processing work for large hospitals but the Goodwill laundry also operates a parallel section of washers and dryers to handle work from smaller contracts such as rehabilitation homes, neighbourhood clinics, nursing homes, assisted living accommodation and smaller hospitals.

This dual washing line helps to maintain the same cost effectiveness and efficient service for smaller contracts as that enjoyed by high volume customers.

The plant is designed as a (true) barrier laundry with a



SAFE AND DRY: The dryer pod avoids the need for shuttles and helps to promote safe operation



HYGIENIC SEPARATION: A barrier wall runs throughout the plant to ensure separation between soiled and cleaned linen. The plant has two Milnor Staph Guard barrier washers and plans to install two more

barrier wall running through the whole plant, along with negative air engineered egress openings.

In line with Goodwill's barrier concept, the laundry has two 42044 Milnor Staph Guard® barrier washers, each with a capacity of 100kg (220lb). Goodwill plans to install two more Staph Guard washers soon.

The laundry features many safeguards – such as backup generators – to ensure a smooth operation under adverse conditions, even during and after hurricanes.

CEO Pastrana is particularly proud of the laundry's proximity to Liberty City. Once the laundry reaches its full 18,000,000kg (40million lb) operating capacity, it will create 200-plus jobs to help a community with a level of unemployment that is triple that of the whole of Miami-Dade County.

As a business enterprise with a social mission, Goodwill uses the revenues generated by its four entrepreneurial divisions to significantly support its combination of rehabilitation-driven work programmes and the creation of employment opportunities.

Goodwill Industries has four entrepreneurial divisions: Donated goods; apparel/flag manufacturing; commercial services and service contracts. The new industrial laundry will be part of the service contracts' division.

All members of the Goodwill Industries Miami team are thrilled with the laundry project.

Both Milnor (established 1947) and Steiner-Atlantic Corporation (established 1959) have been in business for several generations. Goodwill is confident that with the help of these longstanding companies, it will be able to provide the best service for customers throughout Southern Florida.

Laundry manager Graumlich said: "It was important for Goodwill to partner with a company with a long sustainable history so we can provide the best service for our healthcare partners and our associates that we want to help and employ."

Milnor now has over 150 PBW tunnel installations throughout the world and the whole laundry industry has recognised the importance of this revolutionary tunnel washing concept. In every market sector, both new build laundries and upgraded plants have testified to the inherent benefits of PulseFlow Technology. ■



HOSPITAL 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. model	MILNOR 275 lb. model
Queen sheets	1.9	13	18	21	24	32	42	53	74	84	145
Double sheets	1.8	14	20	23	26	34	46	57	80	91	157
Twin sheets	1.3	20	28	32	36	48	64	80	112	128	220
Pillow cases	0.3	100	140	160	180	240	320	400	560	640	1100
Blankets	2.2	11	16	18	20	27	36	45	64	73	125
Bed pads	2.8	9	13	15	16	22	29	36	51	58	100
Pillows	1.6	16	22	25	28	38	51	63	89	101	174
Bath towels	0.4	63	88	100	113	150	132	250	350	400	688
Hand towels	0.2	139	194	222	250	333	148	556	778	889	1528
Wash cloths	0.1	417	583	667	750	1000	533	1667	2333	2667	4583
Bath mats	0.5	50	70	80	90	120	160	200	280	320	550
Table cloths (54x54)	0.7	34	48	55	62	82	110	137	192	219	377
Table cloths (72X 72)	1.2	22	30	35	39	52	70	87	122	139	239
Napkins (20x20)	0.12	208	292	333	375	500	667	833	1167	1333	2292
Dress (Uniforms)	0.7	36	50	57	64	86	114	143	200	229	393
Aprons (bib)	0.4	63	88	100	113	150	200	250	350	400	688
Aprons (tea)	0.2	125	175	200	225	300	400	500	700	800	1375
Pants	1.15	22	30	35	39	52	70	87	122	139	239
Shirts	0.5	50	70	80	90	120	160	200	280	320	550
Draperies (84x96)	5.91	4	6	7	8	10	14	17	24	27	47
Entry mats (36x60)	7.99	3	4	5	6	8	10	13	18	20	34
Furniture covers	2.08	12	17	19	22	29	38	48	67	77	132
Cleaning rags	0.11	227	318	364	409	545	727	909	1273	1455	2500
Mop heads 12"	0.5	50	70	80	90	120	160	200	280	320	550
Mop heads 24"	1.1	23	32	36	41	55	73	91	127	145	250

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

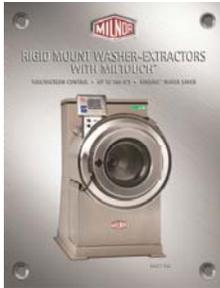
PELLERIN MILNOR CORPORATION, P.O. Box 400, Kenner, LA 70063-0400

Phone: 504-712-7656 Fax: 504-468-3094

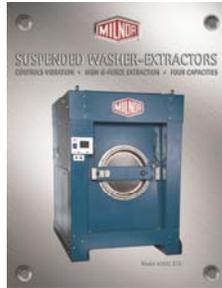
<http://www.milnor.com> E-mail: milnorinfo@milnor.com

B22SL76012/11294

MORE INFORMATION FOR HOSPITAL LAUNDRY PLANNING



[Rigid Mount with
MilTouch™ control](#)



[X-Series](#)



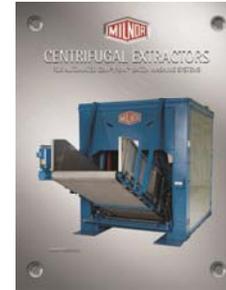
[EcoDry 30-75 lb. Dryers](#)



[M30-175 Dryers](#)



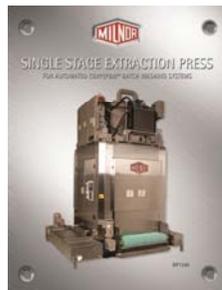
[Divided-Cylinders](#)



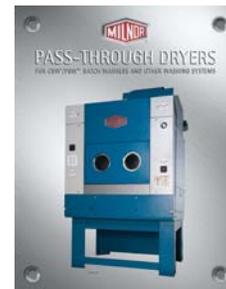
[Centrifugal Extractors](#)



[PulseFlow® Tunnels](#)



[Single Stage Press](#)



[Pass-Through Dryers](#)

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