www.krevantasystems.com

Krevanta
SYSTEMS



TRANSFORMING HEALTHCARE SERVICES

Krevanta SYSTEMS

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COMPLETE PRODUCT PORTFOLIO

We calculate your real daily kilos first, then design, supply and maintain the plant around that number.

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KS-BW Series | 30 kg – 100 kg

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4 Flatwork Ironers

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KS-FF | KS-FFA | KS-TF Series



Krevanta SYSTEMS

ABOUT US

KREVANTA SYSTEMS

Krevanta Systems is a manufacturer of industrial laundry equipment and a trusted provider of healthcare laundry solutions, with a range covering washer extractors, barrier washers, tumble dryers, flatwork ironers, and folding systems.

With a strong focus on innovation, efficiency, and reliability, Krevanta Systems designs and builds high-performance machines tailored to healthcare, hospitality, and commercial laundry needs.



OUR EXPERTISE

- ✓ Healthcare laundry solutions (Barrier washers, dryers, flatwork ironers)
- ✓ Hospital infrastructure solutions
- ✓ Turnkey project execution



OUR COMMITMENT

- ✓ Delivering world-class technology
- ✓ Ensuring operational efficiency for hospitals
- ✓ Supporting infection prevention standards
- ✓ Providing end-to-end service and support



WHY KREVANTA SYSTEMS

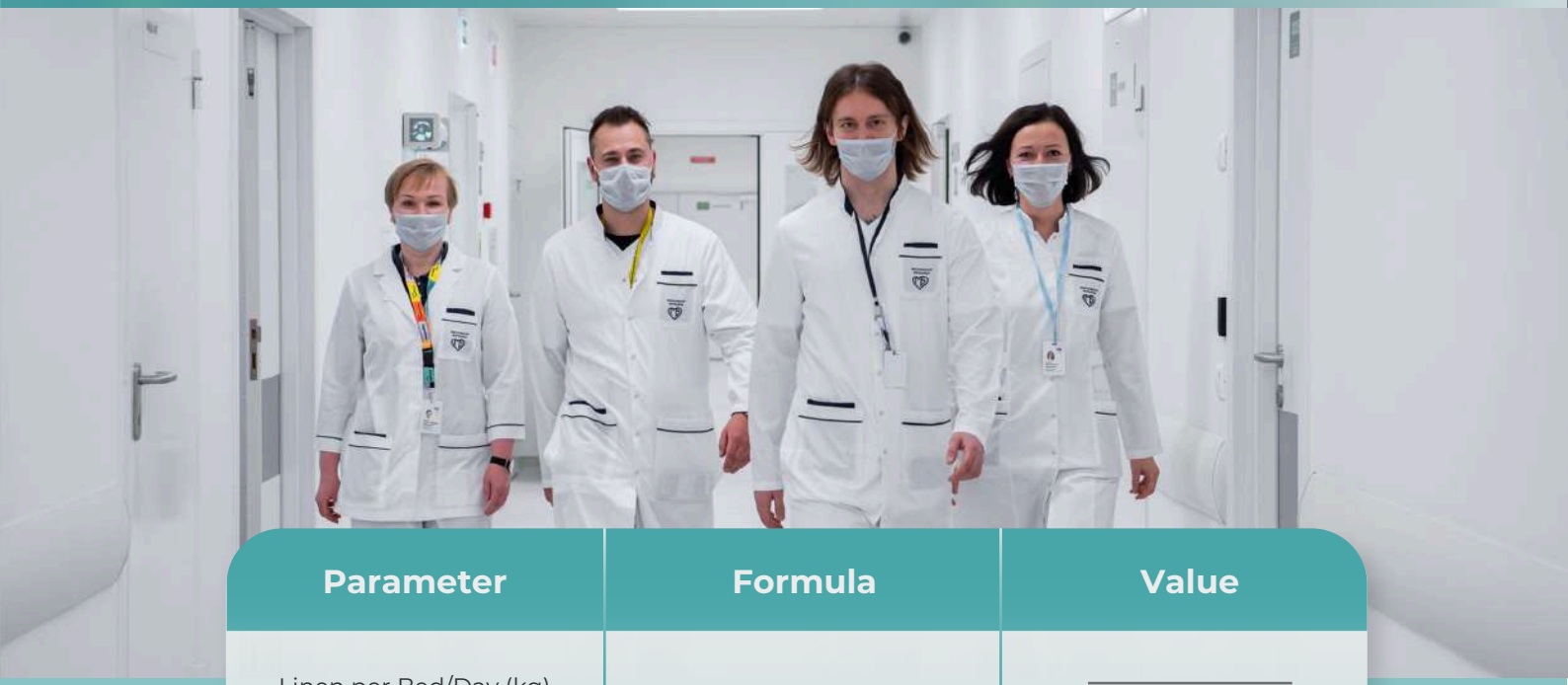
- ✓ Industry expertise in healthcare solutions
- ✓ Reliable and cost-effective equipment
- ✓ Strong service and support network
- ✓ Customized solutions for hospitals and institutions

WHO-GMP | CE | ISO 9001 CERTIFIED | ISO 14001 CERTIFIED | ISO 13485 CERTIFIED

HOSPITALS & CARE HOMES

Smart Laundry Planning for Better Care.

Accurate Planning today for efficient operation tomorrow



Parameter	Formula	Value
Linen per Bed/Day (kg)		
Total Linen/Day (kg)	Beds Occupancy x Linen per Bed	
Total Linen/Month (kg)	Total Linen/Day x Working Days	

REFERENCE GUIDE

Typical Linen Consumption (kg/bed/day)

General Hospital	3 - 4 KG
Multi Specialty	4 - 6 KG
ICU/Critical Care	6 - 8 KG
Care Homes	2 - 3 KG

LAUNDRY BOQ CALCULATION

Hospital Name : _____

Number of Beds : _____

Occupancy (%) : _____

Working Days/Month : _____

Accurate Capacity Planning

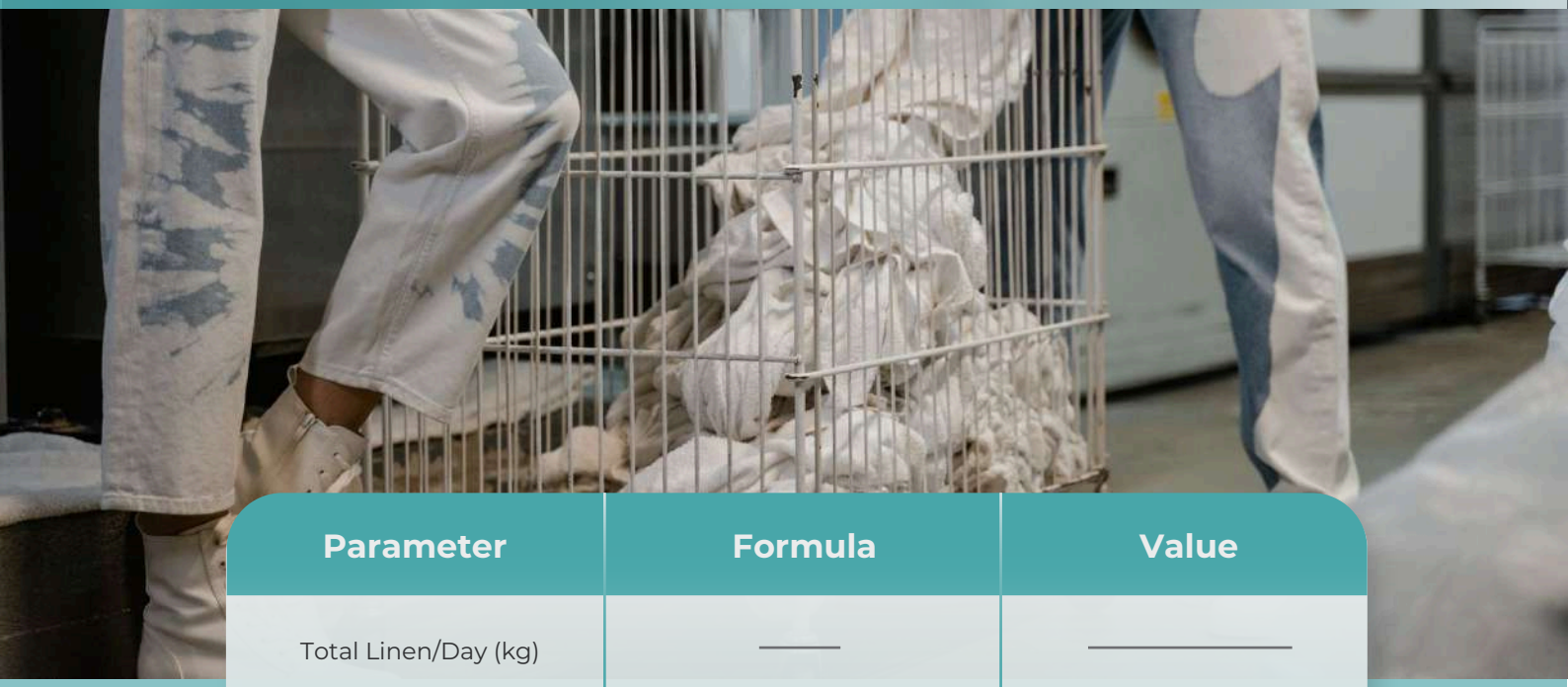
Optimized Costing

Easy Integration

COMMERCIAL LAUNDRY

Smart Solutions. Clean Results. Every Time.

Reliable, efficient and hygienic laundry operations for businesses that care about quality and consistency.



Parameter	Formula	Value
Total Linen/Day (kg)	———	_____
Total Linen/Month (kg)	Daily Linen Working Days	_____
Peak Load (kg/day)	Daily Linen Peak Factor (1.2-1.5)	_____

REFERENCE GUIDE

Typical Linen Consumption (kg/day)

Restaurants/Cafes	20-100 kg
Factories/Industries	200-1000+kg
Spas/Salons	30-150 kg
Hospitals/Clinics	100-500 kg

COMMERCIAL LAUNDRY BOQ CALCULATION

Business Name : _____

Occupancy (%) : _____

Working Days/Month : _____

Hygienic Results

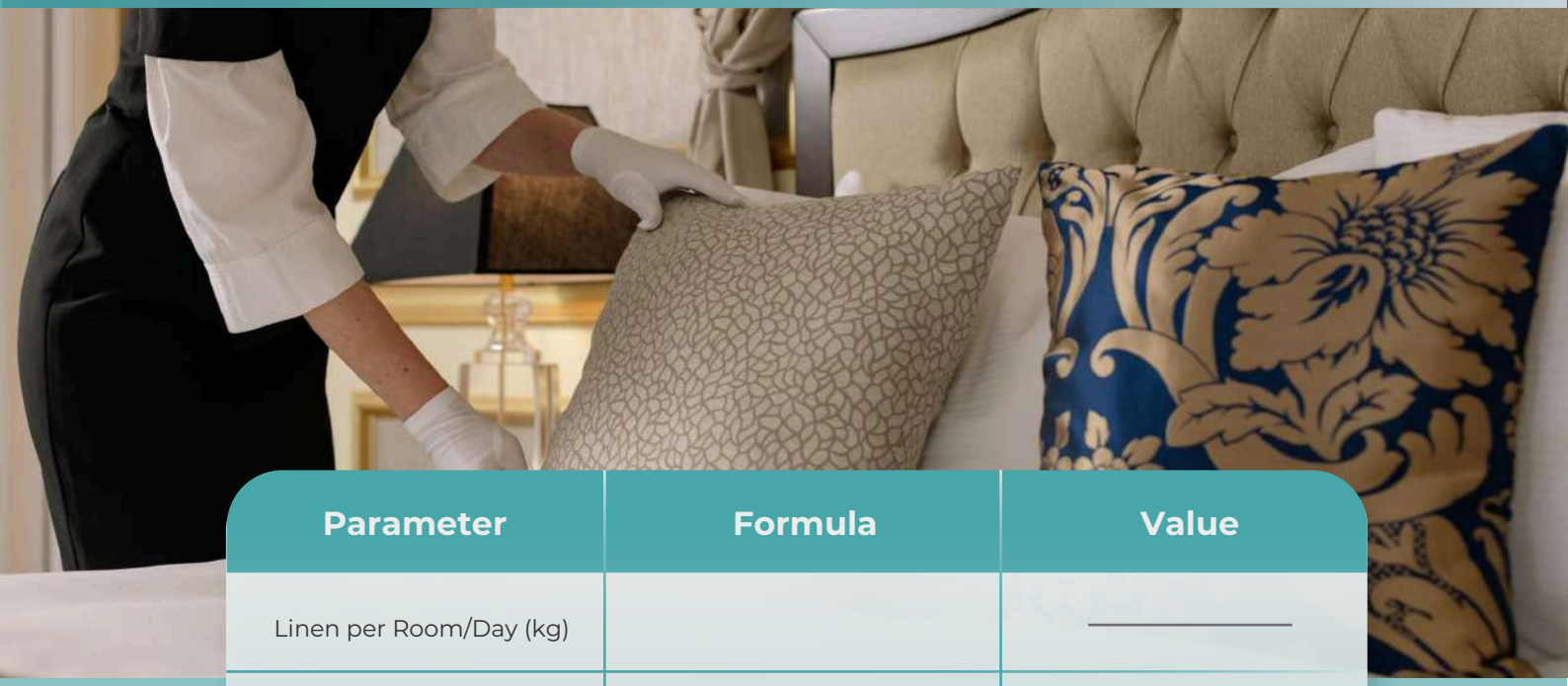
Lower Operating Cost

Higher Productivity

HOTELS & HOSPITALITY

Smart Laundry Solutions for Exceptional Guest Experience

Accurate planning today for efficient operations tomorrow.



Parameter	Formula	Value
Linen per Room/Day (kg)		_____
Total Linen/Day (kg)	Rooms X Occupancy X Linen per Room	_____
Total Linen/Month (kg)	Total Linen/Day x Working Days	_____

REFERENCE GUIDE

Typical Linen Consumption (kg/room/day)

Budget/Economy Hotels	2.0-2.5 kg
Mid-scale Hotels	2.5-3.5 kg
Upscale/Luxury Hotels	3.5-5.0 kg
Resorts/High-end Properties	4.0-6.0 kg

LAUNDRY BOQ CALCULATION FOR HOTELS

Hotel Name : _____

Number of Rooms : _____

Occupancy (%) : _____

Working Days/Month : _____

Easy to Operate

Cost Efficient

Reliable Performance

WASHER EXTRACTORS

KS-W Series | High-Speed Soft-Mount Industrial Washing Machines

The KS-W Series are fully automatic, soft-mounted front-loading washing machines engineered for commercial and industrial laundry operations. Available 15 kg–50 kg, they deliver superior washing performance, high extraction efficiency, and low utility consumption for hospitals, hotels, commercial laundries, textile rental companies, and industrial applications.

Easy Installation

Foundation-free design allows quick installation and flexible setup across facilities.

Energy & Resource Efficiency

Optimized water and energy consumption, reducing operational costs while maintaining superior performance.

Multi-Language Interface

Supports global operations with multiple language options for ease of use across diverse teams.



Smart Washing Technology

Engineered for superior cleaning performance across cotton, linen, synthetic, and healthcare fabrics with optimized wash cycles.

Intelligent Control System

Advanced PLC-based interface with real-time monitoring, customizable programs, and seamless operation.

High Extraction Efficiency

High-speed variable frequency drive ensures maximum water extraction, reducing drying time and energy consumption.

Robust & Stable Construction

Shock-absorbing suspension system minimizes vibration, ensuring durability, silent operation, and long machine life.

Built to Last

Built for Reliability. Designed for Excellence.

Full stainless steel construction for durability & hygiene

High-quality imported components ensuring consistent performance

THE RIGHT HEIGHT

WORKS WITH ALL TYPES OF CHEMICALS

EASY TO CLEAN

USER-FRIENDLY DETERGENT DISPENSER

Technical Specifications

KS-W15 · KS-W20 · KS-W25 · KS-W30 · KS-W40 · KS-W50

	KS-W15	KS-W20	KS-W25	KS-W30	KS-W40	KS-W50
Nominal Capacity (kg)	15	20	25	30	40	50
Optimal Wash Load (kg)	12-13	17-18	22-23	27-28	33-35	40-45
Drum Diameter (mm)	750	750	750	800	900	970
Drum Depth (mm)	355	455	555	580	580	660
Motor Power (kW)	1.5	2.2	2.5	3	4	5.5
Inverter Power (kW)	2.2	2.2	3.7	5.5	/	/
Max Extraction Speed (rpm)	800	800	800	800	750	700
G-Factor	336	336	336	312	313	380
Electric Heating (kW)	6	6	9	12	18	24
Water per Cycle (kg)	<450	<450	<500	<500	<550	<900
Noise Level (dB)	<65	<65	<65	<75	/	/
Power Supply (V/Ph/Hz)	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50
Dimensions L×W×H (mm)	1100x950x1580	1100x1050x1580	1100x1050x1580	1260x1160x1600	1400x1320x1850	1620x1620x2050
Net Weight (kg)	630	630	730	800	1,180	1,680

Standard Features

✓ Soft-Mount Suspension	✓ Microprocessor Control	✓ SUS304 Stainless Steel Drum
✓ Variable Frequency Drive	✓ High-Speed Extraction	✓ Low Water Consumption
✓ Energy Efficient	✓ Low Noise & Vibration	✓ Easy Maintenance
✓ Heavy-Duty Construction	✓ Continuous Operation	✓ Industrial Grade

BARRIER WASHER EXTRACTORS

KS-BW Series | Hygienic Pass-Through Barrier Washing Systems

The KS-BW Series are specifically engineered for healthcare laundries where strict infection control is essential. The pass-through barrier design physically separates the soiled (dirty) zone from the clean zone, preventing cross-contamination and ensuring compliance with modern hospital laundry standards.

Operator-Centric Design

* Intuitive touchscreen interface
* Easy loading & unloading system
* Reduced operator fatigue
* Clear process visibility

Built for Continuous Operation

Engineered for 24/7 use in hospitals and industrial laundries with consistent performance and reliability.

Low Maintenance Design

Robust construction with high-quality components ensures long service life and minimal downtime.



Barrier Technology

Dual-door pass-through system ensures complete separation of contaminated and clean zones, eliminating cross-infection risks.

Advanced Safety System

High-strength interlocking door mechanism with anti-opening protection ensures safe and secure operation.

Intelligent Control

PLC-based smart control with programmable cycles, real-time monitoring, and optimized wash performance.

High Performance Efficiency

Designed for low water and energy consumption with high G-force extraction for faster drying cycles.

Applications

- Hospitals & Healthcare Facilities
- Industrial Laundry Plants
- CSSD & Infection Control Units
- Pharmaceutical & Cleanroom Use

FULL HD 7" COLOR TOUCHSCREEN

INTUITIVE & CUSTOMIZABLE

FULLY EDITABLE PROGRAMS

MULTI-LANGUAGE

Technical Specifications

KS-BW30 · KS-BW50 · KS-BW100

	KS-BW30	KS-BW50	KS-BW100
Nominal Capacity - Dry Load (kg)	30	50	100
Inner Drum Dia x Depth (mm)	Ø900×500	Ø970×720	Ø1200×890
Motor power (Kw)	4	5.5	11
Wash Speed (rpm)	35	35	32
High Extraction Speed (rpm)	800	750	750
Steam Pipe Diameter	Ø25 (DN20)	Ø25 (DN20)	Ø32 (DN25)
Inlet Pressure (MPa)	0.2-0.3	0.2-0.3	0.2-0.3
Steam Pressure (MPa)	0.4-0.6	0.4-0.6	0.4-0.6
Water per Cycle (kg)	450	700	1,650
Steam per Cycle (kg)	25	45	50
Electric Heating (kW)	24	36	48
Power Supply (V/Ph/Hz)	380/3/50	380/3/50	380/3/50
Machine Weight (kg)	1,140	2,000	3,000

Standard Features

✓ Pass-Through Barrier Construction	✓ Dirty / Clean Zone Separation	✓ SUS304 Stainless Steel Drum
✓ Industrial Microprocessor Control	✓ Variable Frequency Drive	✓ High-Speed Extraction
✓ Steam or Electric Heating	✓ Automatic Chemical Dosing Connection	✓ Safety Door Interlocking
✓ Emergency Stop Function	✓ Low Water Consumption	✓ Continuous Industrial Operation

INDUSTRIAL TUMBLE DRYERS

KS-D Series | High-Efficiency Industrial Tumble Dryers | 15 kg – 120 kg

The KS-D Series are designed for fast, energy-efficient drying in commercial and industrial laundry operations. High airflow, robust drum construction, and flexible heating options ensure optimum drying performance with reduced operating costs across 8 capacity models.

Low Noise & Smooth Operation

Advanced transmission system ensures stable, quiet, and vibration-free performance.

Easy Maintenance System

Large lint filter and drawer-type collection system for quick cleaning and uninterrupted operation.

Flexible Heating Options

Available in electric, steam, and gas heating configurations to suit different operational needs.



Fabric Protection Technology

Stainless steel drum with smooth finish ensures zero fabric damage and long textile life.

Intelligent Control System

PLC-based programmable interface with customizable drying parameters and real -time monitoring.

Ergonomic Design

180° wide-opening door for easy loading and unloading, improving operator efficiency.

High Energy Efficiency

Optimized airflow system ensures faster drying with reduced power consumption.

Built to Last

Built for Reliability. Designed for Excellence.

Full stainless steel construction for durability & hygiene

High-quality imported components ensuring consistent performance

REVERSIBLE DRUM ROTATION

DIGITAL TEMPERATURE CONTROL

AUTOMATIC DRYING PROGRAMS

UNIFORM HEAT DISTRIBUTION

Technical Specifications

KS-D15 · KS-D20 · KS-D25 · KS-D30

	KS-D15	KS-D20	KS-D25	KS-D30
Nominal Capacity (kg)	15	20	25	30
Optimum Dry Load (kg)	11-12	17-18	22-23	27-28
Drum Diameter (mm)	770	860	980	980
Drum Depth (mm)	640	640	640	800
Motor Power (kW)	0.12	0.20	0.20	0.40
Fan Power (kW)	0.37	0.55	0.75	0.75
Exhaust Air Volume (m^3/h)	1,500	2,000	2,500	3,000
Electric Heating (kW)	6/9	10/15	10/18	24
LPG Consumption (kg/h)	1.0	1.1	1.1	1.5
Power Supply (V)	220-380	220-380	220-380	380-415
Dimensions L×W×H (mm)	1005×1050×1500	1005×1150×1630	1130×1180×1730	1130×1400×1900
Net Weight (kg)	280	300	380	480

Technical Specifications

KS-D50 · KS-D70 · KS-D100 · KS-D120

	KS-D50	KS-D70	KS-D100	KS-D120
Nominal Capacity (kg)	50	70	100	120
Optimum Dry Load (kg)	44-46	60-62	88-90	108-110
Drum Diameter (mm)	1,200	1,200	1,450	1,600
Drum Depth (mm)	880	1,080	1,190	1,190
Motor Power (kW)	1.1	1.1	2.2	3.0
Fan Power (kW)	1.5	1.5	1.5×2	1.5×2
Exhaust Air Volume (m^3/h)	5,000	6,000	8,000	9,800
Electric Heating (kW)	36	42	54	60
LPG Consumption (kg/h)	2.3	3.1	4.1	4.1
Dimensions L×W×H (mm)	1380×1500×2220	1380×1700×2220	1620×1800×2500	1780×1880×2650
Net Weight (kg)	580	680	1,080	1,280

FLATWORK IRONERS

Krevanta Systems flatwork ironers deliver continuous, wrinkle-free finishing of bed sheets, duvet covers, table linen, and other flatwork textiles. Available in working widths from 1800 mm to 3300 mm with electric, steam, or gas heating, they pair with KS-FF folding machines for a complete finishing line.

Fabric Care & Finishing Quality

Uniform pressure and temperature control deliver wrinkle-free, high-quality finishing results.

Stable & Low Noise Operation

Planetary gear system and chain-driven rotation ensure smooth, quiet, and reliable performance.

High Productivity Output

Continuous ironing process with optimized speed for maximum throughput and reduced labor dependency.



Advanced Feeding System

Precision belt-driven feeding ensures smooth fabric movement without stretching or damage.

Enhanced Safety System

Equipped with emergency stop, finger protection, and safety sensors for operator protection.

High Productivity Output

Continuous ironing process with optimized speed for maximum throughput and reduced labor dependency.

Ideal for High-Volume Linen Processing

* Bedsheets, duvet covers, pillowcases
* Table linen, curtains, large fabrics
* Designed for hotels, hospitals & industrial laundries

OPERATOR-CENTRIC DESIGN

HIGH PERFORMANCE

CUSTOMIZABLE SOLUTIONS

PROVEN RELIABILITY

Technical Specifications

KS-FI1800 · KS-FI2500 · KS-FI3000 · KS-FI3300

	KS-FI1800	KS-FI2500	KS-FI3000	KS-FI3300
Working Width (mm)	1800	2500	3000	3300
Roller Diameter (mm)	Ø 800	Ø 800	Ø800	Ø 800
Roller Quantity No.	1	1	1	1
Ironing Speed (Variable) (m/min)	1-10	1-10	1-10	1-10
Heating Type	Electric / Steam /Gas	Electric / Steam /Gas	Electric / Steam /Gas	Electric/Steam/Gas
Heating Power (Electric) (kW)	36/45/54	45/54/63	54/54/72	63/72/81
Steam Consumption (kg/h)	30-40	40-50	50-60	60-70
Gas Consumption (Approx.) (m^3/h)	3.5-4.5	4.5-5.5	5.5-6.5	6.5-7.5
Motor Power (kW)	1.1	1.5	1.5	2.2
Power Supply V/Ph/Hz	415/3/50	415/3/50	415/3/50	415/3/50
Overall Dimensions L×W×H (mm)	2500 x 1100 x 1350	3200 x 1100 x 1350	3700 x 1100 x 1350	4000 x 1100 x 1350
Net Weight (kg)	850	1050	1250	1400

FOLDING & FINISHING

KS-FF, KS-FFA and KS-TF series

High-speed finishing for linens, sheets & large-volume laundry operations

Automatic Feeding System

Precision-controlled feeding ensures smooth and consistent linen movement, reducing manual handling and improving workflow efficiency.

High-Speed Stacking & Sorting

Single or double stacking options ensure organized linen collection, easy handling and efficient downstream operations.

Intelligent Folding Technology

Advanced cross and lateral folding mechanisms deliver uniform, accurate and neatly finished linen folds.



Advanced Control System

User-friendly controls with programmable folding configurations for consistent finishing results.

Operator Safety & Reliability

Safety interlocks, emergency stop and operator-friendly design support safe and dependable operation.

Seamless Line Integration

Designed to integrate with KS-FI flatwork ironers and downstream stacking systems for a continuous finishing line.

Krevanta Systems Folding Advantage

* Consistent folding quality
* Reduced manpower dependency
* Ideal for high-volume operations

FOUR FOLDING CHANNELS

UP TO FIVE FOLDING LAYERS

VARIABLE CONVEYOR SPEED

FREQUENCY-CONTROLLED DRIVES

Technical Specifications

KS-FF3300 KS-FFA1 KS-FFA2

	KS-FF3300	KS-FFA1	KS-FFA2
Working Width (mm)	3,300	/	/
Maximum Item Size (mm)	3300 x 4500	/	/
Number of Channels	4	/	/
Maximum Folding Layers	5	/	/
Conveying Speed (m/min)	10-60	/	/
Main Motor Power (kW)	1.5 kW/4P	1 x 0.4 kW / 4P	2 x 0.4 kW/4P
Total Machine Input (kW)	3.1	0.4	0.8
Voltage System	3-Phase AC 380 V / 50 Hz	3-Ph AC 380V/50Hz	3-Ph AC 380V/50Hz
Air Pressure (MPa)	0.6	0.6	0.6
Air Consumption (L/h)	400	50	100
Dimensions L×W×H (mm)	4500 × 2950 × 1800	3450 × 850 × 900	3450 x 1600 × 900
Machine Weight (kg)	2,450	280	530
Stacking Quantity	/	0-5	0-5

AUTOMATED TOWEL FOLDING SYSTEMS

KS-TF Series | Automated Towel Folding Systems

High-speed folding for towels in large-volume laundry operations

Easy Operation & Maintenance

Simple controls with low maintenance requirements and high reliability.

Smart Monitoring System

Displays real-time operational data including linen size, folding pattern, and stacking position.

Productivity Optimization

Reduces manual labor significantly and increases operational efficiency by up to 3x.



Fully Automated Folding

Advanced electro-pneumatic system ensures accurate and consistent folding across various towel sizes.

Intelligent Touchscreen Control

User-friendly LCD interface with programmable folding patterns and real-time monitoring.

High-Speed Performance

Folding speed up to 50 meters/min, delivering up to 1500 pieces/hour for maximum productivity.

Krevanta Systems Folding Advantage

* Consistent folding quality
* Reduced manpower dependency
* Ideal for high-volume operations

UP TO 1500 PIECES PER HOUR

UP TO 4 FOLDS

TOWELS UP TO 1800 × 1200 MM

LCD TOUCHSCREEN CONTROL

Technical Specifications

KS-TF18

	Unit	KS-TF18
Maximum Folded Width	mm	1800 x 1200
Minimum Folded Width	mm	600 x 300
No of Folds	Times	4
Maximum Speed	m/min	50
Voltage	V/Hz	380/50
Total Power	kW	2
Air Pressure	MPa	0.4-0.6
Length	mm	4500
Width	mm	2150
Height	mm	1350
Net Weight	kg	1500

Krevanta
SYSTEMS

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