SYNCRO



PLANNING DOCUMENT

Hotel Laundry Planning Document

A practical guide to planning an on-premise laundry for hotels and resorts.

SECTION 02

Introduction

12,000
INSTALLATIONS

70,000
MACHINES IN OPERATION

18,000m
MANUFACTURING FACILITIES

50
YEARS OF EXCELLENCE

Objective

Laundry solutions that deliver results.

We design and manufacture industrial laundry machines that are efficient, durable, and globally competitive while reducing cost per cycle and enhancing operational ease for our clients across sectors.

Customers

Efficiently serving all sectors.

From leading hotel chains and hospitals to garment manufacturers and government institutions, Stefab caters to clients across hospitality, healthcare, apparel, & industrial segments.

Services

We support you at every step.

We offer comprehensive laundry solutions, including project designs, utility economics feasibility charts, installation, training, and prompt after-sales service. Our focus is seamless operations and client satisfaction at every step.

Dealers

The ASA community.

Our Authorized Stefab Associates are an extension of our sales team with complete knowledge and can guide clients in choosing the right products, and deliver world-class services and support. Ensuring satisfaction at every step, wherever you are.

Products

Widest range. Affordable prices.

We manufacture a full spectrum of laundry equipment like washer extractors, dryers, flat-work systems, dry-cleaning & finishing machines, built to handle high volumes & deliver consistent results.

Made for the world

Precision engineering. International quality.

Since 1975, Stefab has been engineering world-class industrial laundry machines. With over five decades of expertise, we build cost-efficient machines that deliver premium solutions trusted across industries.



SECTION 03

A closer look.











SYNCRO

Quality is as much in the actual product, as in the mind.

Indeed, in this interface of vision & reality, an idea is born. For Stefab, it all began in 1975: a desire to do what no other company had done before — make user-friendly, cost-effective industrial laundry, dry-cleaning, apparel processing and steam finishing machines at par with world standards.

Today, 18,000 square metres of state-of-the-art manufacturing facilities, computer-aided design and a work-force of over 350 qualified and experienced people attribute to the high standards of Stefab machines used worldwide. With over 12,000 major installations, Stefab quality and expertise continue to remain unmatched.

Deepak Arora

Managing Director



SECTION 05

Widest Range, Affordable Prices & Truly World Class.

SECTION 06

Why Choose On-Premise Laundry for Hotels?

Lower Costs

Running laundry in-house eliminates third-party margins, transport, and hidden vendor fees. Hotels save substantially over time by directly managing water, energy, detergent, and labour usage, ensuring greater efficiency and long-term cost control.

Better Control

On-premises laundries give hotels complete control over wash formulas, hygiene levels, and linen handling. This ensures consistent, high-quality results that meet brand standards and maintain guest satisfaction across all departments.

No Shortages

In-house laundries ensure a steady supply of clean linen, even during weekends, holidays, and peak occupancy. Hotels avoid vendor delays, maintain consistent quality, and run smoother operations, helping staff work efficiently and delivering reliable service to guests.

Faster Turnaround

Immediate laundry processing ensures guest garments, banquet linen, and staff uniforms are ready within hours. This responsiveness enhances operations and strengthens the hotel's ability to manage sudden demands efficiently while supporting a smoother guest experience.

Premium Image

Hotels can confidently invest in premium linens, knowing they'll be cared for meticulously in-house. This not only enhances linen lifespan and reduces replacement costs but also strengthens the property's overall brand image and maintains consistency across linens.

Faster ROI

Optimized operating costs, reduced vendor reliance, and better process control together ensure faster returns. In-house laundries quickly pay for their own costs, offering sustainable savings and improved profitability over long term use.





SECTION 07

In-house pays Laundry for itself within just a Few Years!

SECTION 08

What is Needed for an On-Premise Laundry?



SECTION 09

What to Look for in Hotel Laundry Equipment?

Stefab offers one of the widest and most advanced ranges of laundry equipment for the hospitality industry. Designed for heavy-duty use, our machines combine durability, energy efficiency and ease of operation making them the preferred choice for hotels worldwide. When planning your hotel's laundry, you may look for:

Energy Efficiency

Right Capacity Choose machines sized

Ease of Operation Use intuitive machines

Select machines that save water and energy

for current loads and future growth to ensure

with presets to ensure consistent quality and

while lowering overall

seamless operations.

operating costs.

smooth workflow.

Hygiene Choose high-temperature,

precise-dosing machines

ensuring spotless linen hygiene and guest safety.

Durability & Reliability

Invest in heavy-duty machines that minimize breakdowns and ensure long-term reliable performance.



SECTION 10

High-Performance Washer Extractors for Hotels

Premium Linen Care

Delivers consistently clean, soft, fresh linen

meeting daily hotel guest expectations.

Extended Linen Life

Protects fabric quality, extending linen lifespan

and reducing frequent

replacement costs.

Energy & Water Efficient

Reduces utility consumption

while maintaining high

wash quality and operational efficiency.

Consistent Wash Results

Ensures uniform wash

results for sheets,

towels, and food

service linen.

Staff-Friendly Operation

Simple controls and

smooth handling improve staff comfort and daily productivity.



SECTION 11

Why Choose Stefab?

Stefab machines are engineered to meet the demands of continuous hotel operations. Crafted with premium materials, advanced engineering, and strong built, each unit delivers exceptional efficiency, reliability and durability. Hotels that choose Stefab benefit from machines built to handle high laundry volumes ensuring superior wash quality, consistent performance and extended equipment life, making every operation smoother and more cost-efficient.

STRONG BUILT

We understand that downtime is not an option in this industry. That's why our service network and warranty are built to keep your laundry operations running smoothly. From quick complaint resolution and availability of genuine parts to comprehensive training and extended warranty coverage, we back every machine with the strongest service ecosystem in the industry. Choosing Stefab means choosing a partner who stays with you long after installation.

ASSURED SUPPORT

Every hotel has unique laundry needs from linen volumes and staff uniforms to guest laundry. At Stefab, we provide customised laundry design and consultancy, including layouts, machine sizing, utility planning, and operational cost analysis. Our expert team ensures your laundry is optimised for maximum output, cost savings, and space efficiency. With Stefab, you don't just buy machines, you get a tailored solution built for your property.



SECTION 12

Made for the World.

Stefab combines the precision, innovation and performance that match international standards with the advantage of being built. Each machine blends precision engineering, cutting-edge technology, and unmatched durability to meet the toughest operational demands. Designed for efficiency and reliability, our systems empower businesses to maximise performance, minimise costs and maintain the highest standards.

Durability

Stefab

EU / American Manufacturers

Chinese Manufacturers

Local Equipment

Technology

Stefab

EU / American Manufacturers

Chinese Manufacturers

Local Equipment

Stefab EU / American Manufacturers Chinese Manufacturers Local Equipment

Energy Efficiency

Stefab

EU / American Manufacturers

Chinese Manufacturers

Local Equipment

SECTION 13

Genuine Parts

Original Quality

Spare parts are available locally as well & may cost less initially, but they are not engineered specifically for Stefab machines. Often they need to be replaced and can damage other parts and affect the performance of our machines. One has to be careful, and it is always best to install authentic parts.

Every component in the machine has the highest level of R&D & technical expertise behind it. The quality of genuine parts cannot be compared to the parts available locally. Stefab has been producing laundry machines for over 50 years.

Excellent Service Capabilities

Our machines are built to last and they are backed up by industry's best service & warranty policies.

Service is one of the most important factors while you choose your laundry equipment partner. With Stefab one can be totally sure of the same. Our Service is backed by our engineers and associates spread nationwide and abroad. We understand breakdowns and it has always been our first priority to address complaints providing quick service and genuine parts to our customers.

We stand behind every machine we produce with comprehensive warranty on all machines, which is by far a better value than what is offered by the competing companies. Stefab comprehensive warranty plan proves the strength of our machines. Our commitment to producing advanced and reliable machines is braced by our warranty policy.

Should you require more information on Service & Warranty, please contact us on service@stefab.com





SECTION 14

Choosing the right heating mode!

Parameter Electric External Boiler Gas

Plug-n-play. All machines have in-built electric heaters which makes it extremely convenient for quick installation.	Steam boiler with chimney of a certain height along with diesel tank & water softener plant. Steam piping to all machines with proper insulation is required.
Negligible	Moderate to High
10/10 in washing 9/10 in flat-work ironing	10/10
None	Yes, Diesel Tank
Only heaters need to be replaced depending on the usage.	Low maintenance of machines but boiler needs continuous monitoring & maintenance.

SECTION 15

Achieving lowest cost per cycle

For up-to three tons per shift we suggest an all electric setup. As & how the capacity of the laundry setup goes beyond that, the electric load substantially increases. If higher electric load is available at site at an economical rate per KW, then an all electric setup is the most feasible up-to even three tonnes/ shift.

For instance a Stefab 60 kg washer extractor's drive motor consumes only 6 units & its electric consumption for heaters is only 9 units per cycle, which raises the temperature of water up-to 70 Degrees. This system is the most efficient as per the ongoing industry norms.

Similarly, the ironers produced by us contribute significantly & help us to choose a system where we put the least ecological impact on environment. We are amongst the very few to produce an all electric chest heated ironer in 830 MM dia consuming only 72 KW, achieving an evaporation rate of 100 Kg per hour making it by far the most effective solution for flat-work ironing.

Stefab technical team furnishes consumption parameters charts with real-time economics for the user to understand the best system as per their needs.

If the electric load is limited, then the heat production from electric heaters is then replaced by the major fuel available. Electricity in this case then is only used to cater the motor loads of the machines.

Therefore, every setup is unique and to conclude the best arrangement of heating modes depends on various parameters. Initial CAPEX budgeting in some cases also play an important role to decide if the user wants to invest in steam boilers or not. Boiler is not the only investment but the chimney, piping, tanks etc associated with it increases the project costs substantially. Stefab has a wide range of products with multiple heating modes which gives the freedom to the user to choose the right heating mode as per the site conditions & dynamics.

Our solution with competitive CAPEX & OPEX charts lead to the lowest per KG cost per cycle in any segment. Visit stefab.com for more information.



SECTION 16

Technical Competence

Stefab has developed indigenous technologies over the years for all segments of machines. These advancements has given us a strong competitive edge in the industry making us the most preferred choice when it comes to efficiency and ecological footprint. These particular independent innovations are precisely developed keeping in mind the increasing costs of manpower, fuel, water etc.

The systems we deliver are the most effective solutions for any customer comprising primarily of washers, dryers and ironers along with auxiliary equipment. Every product has one or two key components which eventually are the deciding factor to validate the efficiency. Stefab has precisely improved the core competence of each of its major offerings which make the end solution more reliable, efficient and cost effective in the long run.

It is the cost per cycle which makes the difference for any industry and that is what we as a brand, focus on.

Precision machined, ground smooth & polished chest exerts uniform high pressure across the entire roll through pneumatic cylinders. We are among the very few in the world to produce an all electric 830 mm dia, chest heated ironer. Stefab has more than 2000 chest ironers in operation worldwide.

Fully programable computer captures all the features for any customized process. The preset programs can be easily modified or erased. Step by step display provides cycle advance, variable time signal & diagnostic checks. IoT Enabled with smart wireless connectivity. Easy to understand & operate. MYHMI

Advanced moisture sensors designed specifically for the professional dryers enabling high efficiency. No manual intervention required by the user. The PLC auto detects the moisture in the basket & gives cut-off signals to the heating mode aptly.

All types of dozing pumps are compatible with Stefab ST9, ST10, ST11 PLCs giving the user utmost flexibility to achieve great washing results. Our PLCs works in sync with dozing computer uninterrupted. Up-to six dozing pump systems can be installed to each machine.

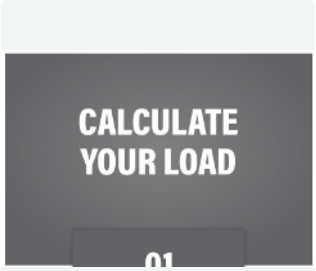
The four beater basket design in our AX Range results in maximum beating action & effective washes in shorter cycle time. The polished stainless steel beaters are designed with utmost precision then slid into the basket & laser welded.

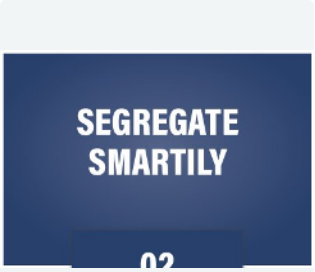
2 Length Folds + 3 Cross Folds. 1st Primary fold through full vertical drop. 2nd Primary fold by converging rollers. 1st Cross fold by a "Blade fold" directing the linen between rollers, 2nd Cross fold by an air jet & 3rd Cross by automatic "Lift fingers" through reverse conveyor mechanism.

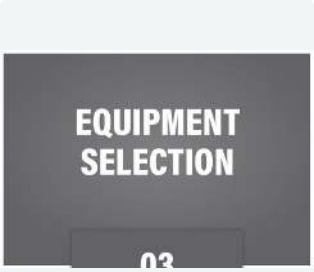
SECTION 17

The Hotel Laundry Guide

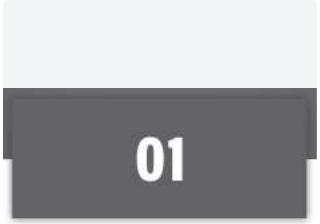
Designed to help hotels deliver consistent linen quality while maintaining speed, efficiency, and guest satisfaction. This guide focuses on balanced capacity planning, fabric-care-focused processes, and smooth workflow design. By aligning machines, finishing, and layout, it ensures faster turnaround times, superior presentation, and reliable daily performance across all hotel operations.

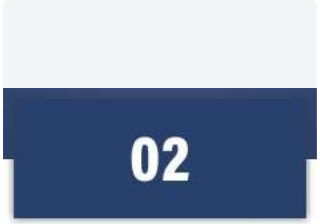


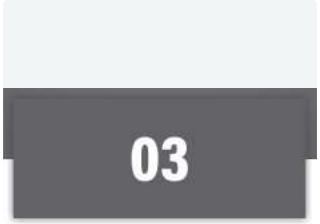


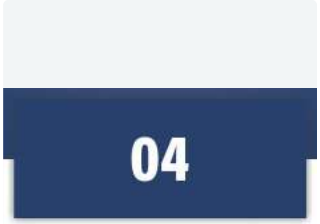


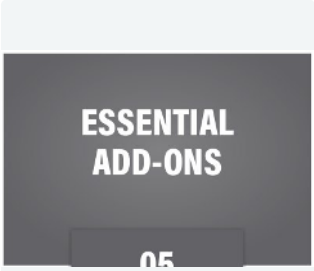




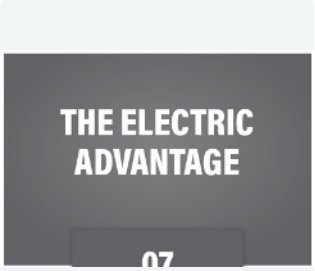


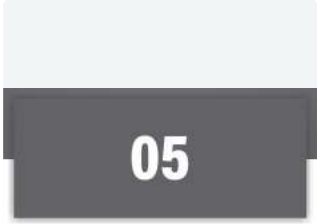


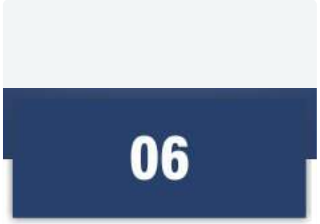


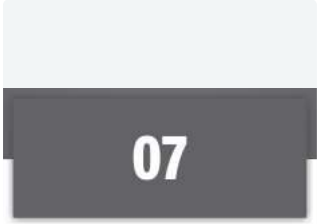
















7 Step Blueprint

01 02 03 04

SMART LAYOUT

05 06 07

What this guide delivers!

• Guest-ready linen with consistent finish. • Faster turn-around for daily occupancy needs. • Reduced handling and labour effort. • Efficient energy and water usage. • Scalable system for hotel growth.

A well-designed On-Premise hotel laundry is not just about clean linen — it's about presentation, reliability, and guest experience. From Blueprint to Real-World Performance.

From a Blueprint to Real-World Performance!

This 7-step approach balances volume, quality, and speed, ensuring smooth daily hotel laundry operations and consistent linen performance.

Hotel Laundry Guide! A Video Walkthrough!

https://www.youtube.com/watch?v=w_ONTi0IJy8&t=55s Click the above link to watch the video or Scan the QR code to see how this 7 step blueprint works in real-world commercial laundry operations.

SECTION 18

Stefab Standard Hotel Laundry Systems.

The below list of systems can handle Hotel Laundry from 125 Kg to 10,000 Kg Per Shift.

HT 125 E	MECHANISED LAUNDRY HANDLING 125KG OF HOTEL LINEN IN 8 HRS.
HT 250 E	MECHANISED LAUNDRY HANDLING 250KG OF HOTEL LINEN IN 8 HRS.
HT 500 E	MECHANISED LAUNDRY HANDLING 500KG OF HOTEL LINEN IN 8 HRS.
HT 750 E	MECHANISED LAUNDRY HANDLING 750KG OF HOTEL LINEN IN 8 HRS.
HT 1000 E	MECHANISED LAUNDRY HANDLING 1000KG OF HOTEL LINEN IN 8 HRS.
HT 1500 E	MECHANISED LAUNDRY HANDLING 1500KG OF HOTEL LINEN IN 8 HRS.
HT 2000 E	MECHANISED LAUNDRY HANDLING 2000KG OF HOTEL LINEN IN 8 HRS.
HT 2500 E	MECHANISED LAUNDRY HANDLING 2500KG OF HOTEL LINEN IN 8 HRS.
HT 3000 E	MECHANISED LAUNDRY HANDLING 3000KG OF HOTEL LINEN IN 8 HRS.
HT 4000 S	MECHANISED LAUNDRY HANDLING 4000KG OF HOTEL LINEN IN 8 HRS.
HT 5000 S	MECHANISED LAUNDRY HANDLING 5000KG OF HOTEL LINEN IN 8 HRS.
HT 6000 S	MECHANISED LAUNDRY HANDLING 6000KG OF HOTEL LINEN IN 8 HRS.
HT 7000 S	MECHANISED LAUNDRY HANDLING 7000KG OF HOTEL LINEN IN 8 HRS.
HT 8000 S	MECHANISED LAUNDRY HANDLING 8000KG OF HOTEL LINEN IN 8 HRS.
HT 10000 S	MECHANISED LAUNDRY HANDLING 10000KG OF HOTEL LINEN IN 8 HRS.

SECTION 19

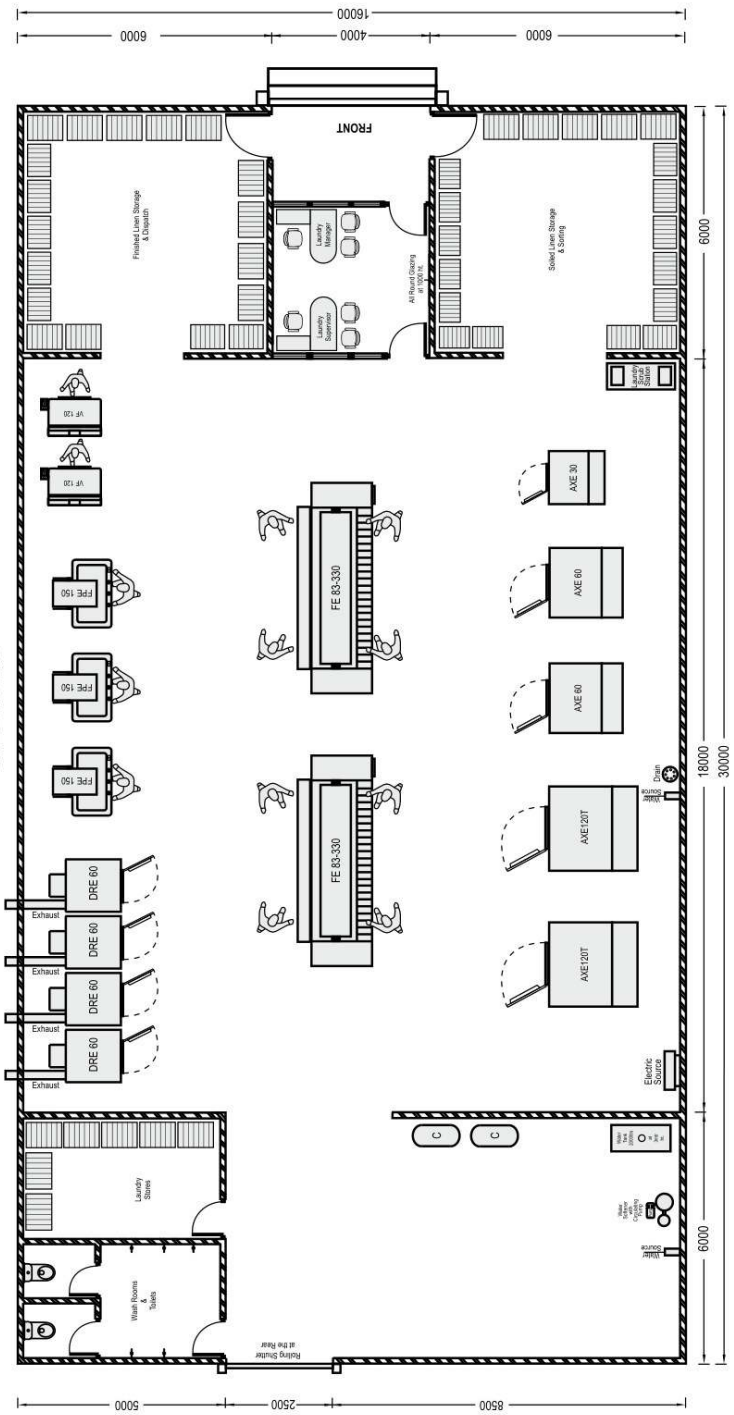
UTILITY COST SHEET & 2D LAYOUT

UTILITY COST SHEET & 2D LAYOUT

STEFAB

SYSTEM : HT 3000 E

MECHANIZED LAUNDRY HANDLING 3000KG OF HOTEL LINEN IN 8 HRS.
ALL ELECTRIC



All dimensions are in mm. Scale: 1 Square = 250mm approx.

This is a Typical Layout that may be altered or modified to suit a particular requirement. Recommended Clear Height : 5 mtrs.

S.No.	MODEL	MACHINERY	OUTPUT
1	AXE 30	Stefab Washer Extractor. High Spin. Soft Mount. 30kg Cap. Qty: 2 Nos.	@30kg/cycle x 9 cycles x 2 Nos. 540kg app/ 8 hrs.
2	AXE 60	Stefab Washer Extractor. High Spin. Soft Mount. 60kg Cap. Qty: 4 Nos.	@60kg/cycle x 9 cycles x 4 Nos. 2160kg apx/ 8 hrs.
3	DRE 60	Stefab Drying Tumbler. Reversible. 60kg Cap. Qty: 3 Nos.	@60kg/cycle x 9 cycles x 3 Nos. 1620kg app/8 hrs.
4	FE 83-330	Stefab Flatwork Drying Ironer. Chest Heated. Size: Ø 830 x 3300 L. Qty: 2 Nos.	@130kg/hr (Direct from Washers) x 2 Nos. 2080kg apx. /8 hrs.
5	FPE 150	Stefab Flat Bed Drying Press. Head & Buck Size: 1500 x 750. Qty: 2 No.	@35kg/hr (Conditioned from Dryer) x 2 Nos. 480kg app./8 hrs.
6	VF 120	Stefab Vacuum Finishing Tables. Qty: 2 Nos. With Steam Irons.	@5kg/hr x 2 Nos. 80kg app./8 hrs.
7	C	Air Compressor 5 HP Qty: 2 Nos.	Sufficient for Flat Bed Presses & Flat Work Ironers.

DISCLAIMER : All the above information & data, are to be considered indicative only. Output also depends on the efficiency of the operators. No guarantee of its observance can be given.

SALIENT FEATURES OF 'RL 2500 S'

1. The Capital Investment is much lower than compatible European or US Machines. All machines are indigenously manufactured. The Spare Parts areavailable 'Off-the-Shelf' & at an economical price through out the life span of machines.
2. All machines have multiples of similar models & incase of breakdown, the other similar machine can take its load with the same program. The output from the laundry shall be least affected. Also, Spare Parts inventory is bare minimum.
3. Railway Blankets are more effectively Washed than Drycleaned. Washer Extractors have in built program for Blankets & Woolens.
4. The Layout feilctates systematic flow of linen from receiving, sorting, washing, drying, ironing, packing & dispatch with easy monitoring of all the processes.

OPERATIONAL ECONOMICS DURING 2011 AT NEW DELHI

The following economics are indicative only & shall drastically change with variations in costs of water, electricity, manpower, diesel, wash processes, detergents, location, packaging, distribution & transportation etc.

Electricity Requirement / Cost: 572KW. Max Connected Load. 415 V, 3 Ph. Avg. Consumption: 300 Kw/ hr. @Rs10 per unit/hr x 300 x 8hrs = Rs 24000/-

Diesel Requirement / Cost:
Not Applicable

Manpower Cost:
Average 20 persons

Detergent / Chemicals Cost:
Average @2% per kg of linen washed @Rs.125 per kg = Rs. 7800

Water Requirement / Cost: Ø 65 (2.5" BSP) line. Head range : 5 - 20 mtrs.
@5700 ltrs / hr Max. @Rs.1500 per 10000 ltrs. x 8 hrs = Rs. 6840

The above costs are exclusive of establishment costs viz. land & building, cost of capital & working investments, depreciation, maintenance etc. & other administrative overheads.

SECTION 20

3D Layouts

3D Layouts



Engineered for Excellence!

Design

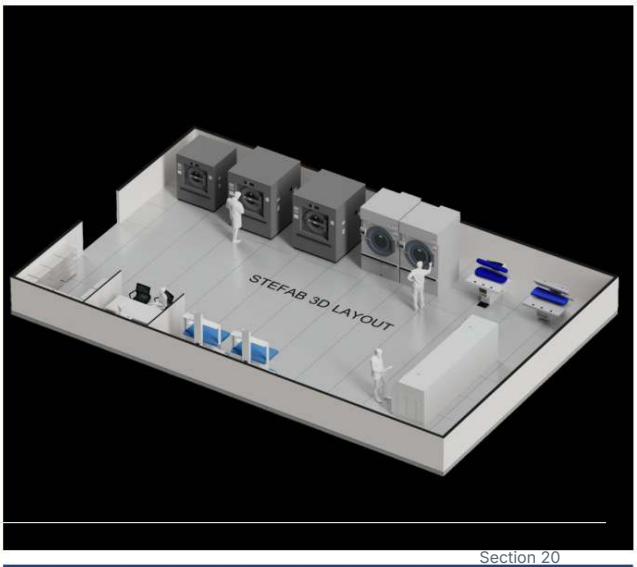
Designed for the dynamic demands of the hospitality industry, this on-premise hotel laundry solution combines refined engineering with a clean, contemporary layout that complements high-volume hotel operations.

Durability

Robust construction and advanced technology enable smooth handling of frequent loads while delivering consistent, high-quality wash results.

Experience

Designed for the dynamic demands of the hospitality industry, this Smart on-premise hotel laundry solution seamlessly combines refined engineering with a clean, contemporary layout that complements high-volume hotel operations.



SECTION 21

Stefab is the most preferred brand in laundry & we continue to expand our base with a motive to give industrial laundry

Almost every hotel chain is a user of Stefab Laundry Machines in South Asia.

SYNCRO

Let’s build your laundry.

Talk to a Stefab laundry planner about your project. We will map the workflow, size the equipment and prepare a utility plan for your site.

CORPORATE OFFICE

Stefab Limited

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www.stefab.com

SALES

sales@stefab.com

Project planning & equipment selection

SERVICE

service@stefab.com

SUPPORT

24/7 global service network
Genuine parts & technical support