



SOLAR DRYING SOLUTIONS

SMART DRYING.
NATURALLY BETTER.

From **5 KG** to
2000 KG Capacity



SOLAR POWERED
Clean & Renewable
Energy



UV PROTECTION
Protection from
Harmful UV Rays



UNIFORM DRYING
Advanced Air Flow
Technology



SUSTAINABLE
Eco Friendly &
Cost Effective



POWERING SUSTAINABLE DRYING SOLUTIONS

Indo Thai Global is a leading manufacturer and supplier of innovative and energy efficient solar dryers.

Our solutions help farmers, food processors and industries preserve quality, reduce post-harvest losses and increase profitability.

With advanced technology and a customer-centric approach, we deliver reliable and long-lasting drying solutions worldwide.

OUR STRENGTH



QUALITY ASSURED

Built with premium materials for long lasting performance.



SUSTAINABLE SOLUTIONS

Harness solar energy for a clean and sustainable future.



ADVANCED TECHNOLOGY

Uniform air flow ensures faster and better drying.



CUSTOMIZED DESIGNS

Solutions tailored to meet specific drying needs.



RELIABLE SUPPORT

Dedicated after sales service and technical assistance.



16+
YEARS OF
EXPERIENCE



1200+
PROJECTS
COMPLETED



5000+
HAPPY
CUSTOMERS





WHY CHOOSE SOLAR DRYING?

SMART. SUSTAINABLE. FUTURE-READY.



100% RENEWABLE ENERGY

Harness the natural power of the sun for sustainable drying with reduced dependence on conventional energy sources.



HYGIENIC & FULLY ENCLOSED

A protected drying environment helps safeguard products from dust, insects, rain and external contamination.



FASTER & MORE UNIFORM DRYING

Controlled solar-heated airflow supports efficient and uniform moisture removal.



BETTER PRODUCT QUALITY

Controlled drying conditions help preserve colour, aroma, nutritional value and overall product quality.



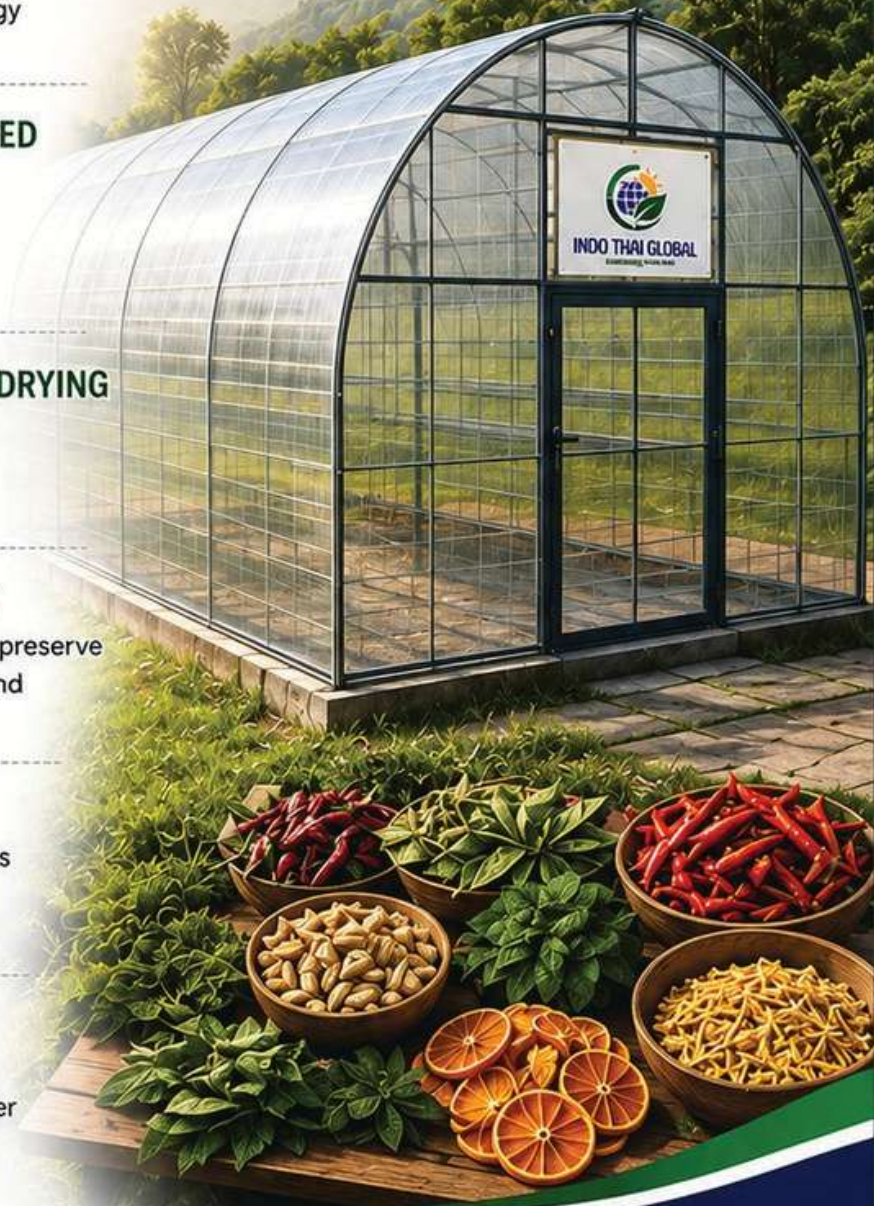
ENERGY EFFICIENT

Designed to reduce operating costs while delivering reliable drying performance.



ECO-FRIENDLY

A sustainable drying solution that supports cleaner energy and greener agricultural practices.





OUR PRODUCT RANGE

SOLAR DRYING SOLUTIONS FOR EVERY SCALE

COMPACT SOLUTIONS



5 KG

Compact



10 KG

Compact



20 KG

Commercial

COMMERCIAL SOLUTIONS



50 KG

Commercial



100 KG

Industrial

INDUSTRIAL SOLUTIONS



500 KG

Tunnel Type



2000 KG

Large Scale Tunnel Type



CAPACITY RANGE: 5 KG TO 2000 KG



5 KG SOLAR DRYER

COMPACT. EFFICIENT. ECO-FRIENDLY.

A compact solar drying solution designed for convenient and hygienic drying of fruits, vegetables, herbs, spices and other agricultural products.



5 KG
Average Loading



2 Trays
Aluminium



Solar
Powered



2 Watt
Fan



Portable
Design

SUITABLE FOR DRYING



Fruits



Vegetables



Herbs



Spices



Flowers



Solar Powered



Hygienic Drying



Low Maintenance



Eco-Friendly



www.indothaiglobal.com



info@indothaiglobal.com



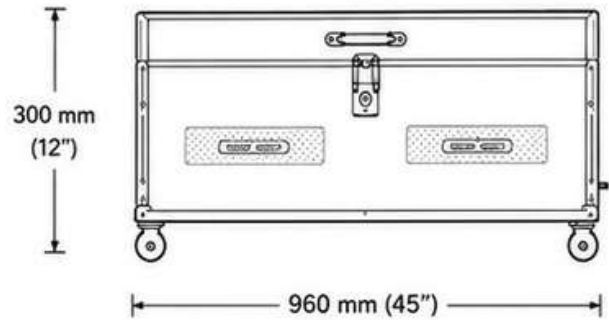
90710-69000
76579-44044

05

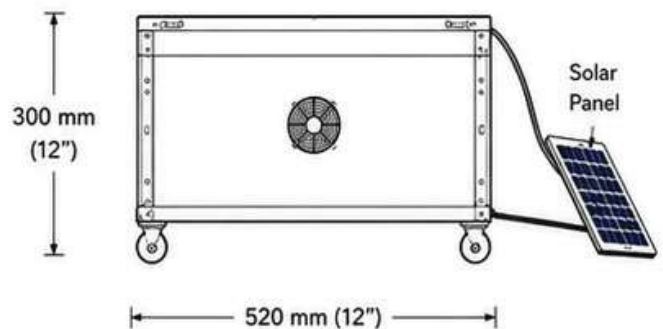
SPECIFICATIONS

Dryer Capacity	5 KG (Average Loading)
Tray Size	16" x 31" x 1"
Tray Material	Food Grade Aluminium Trays
No. of Trays	02 Nos.
Operating Temperature	Up to 60°C
No. of Fans	1 No. (2 Watt)
Height	2 Feet (Approx.)
Solar Panel	1 No. (3 Watt, 6 Volt)
Castor Wheels	4 Nos.
Electric Heater	N/A
Drying Area	7.2 Sq. Ft.

FRONT VIEW

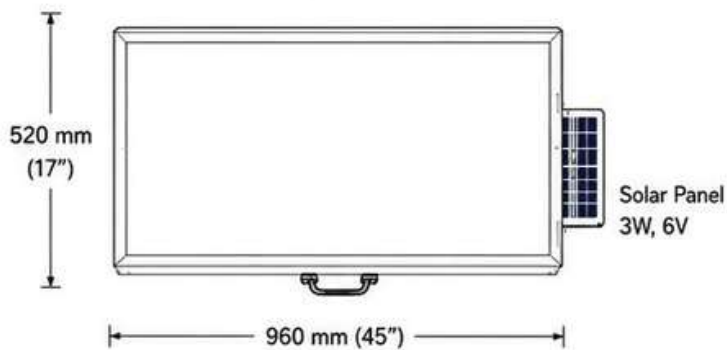


SIDE VIEW



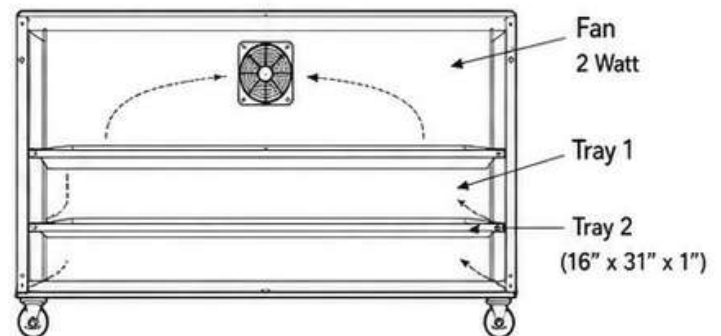
TOP VIEW

(Lid Closed)



INSIDE VIEW

(Lid Open)



PACKAGE INCLUDES



2 x Trays
(16" x 31" x 1")



1 x Solar Panel
(3W, 6V)



1 x Fan
(2 Watt)



4 x Castor
Wheels

FEATURES

- ✓ Food Grade Aluminium Trays
- ✓ Single 2 Watt DC Fan for Air Circulation
- ✓ Transparent Lid for Natural Sunlight
- ✓ Solar Powered & Energy Efficient
- ✓ Portable Design with Castor Wheels
- ✓ Suitable for Fruits, Vegetables, Herbs, etc.

ITG010

10KG AVERAGE LOADING

NATURAL CONVECTION SOLAR DRYER

A compact natural convection solar dryer designed for efficient and hygienic drying of fruits, vegetables, herbs, spices and other agricultural products.



10 KG
Average Loading



3 Trays
(20" x 30" x 1")



Solar Panel
20W, 12V



2 Fans
(3 Watt Each)



Castor Wheels
for Easy Mobility

IDEAL FOR DRYING



DRIED FRUITS



DRIED VEGETABLES



DRIED HERBS



DRIED CHILI



DRIED FLOWERS



UV STABILIZED
POLYCARBONATE COVER



SOLAR
POWERED



ENERGY
EFFICIENT



RUST
RESISTANT



ECO
FRIENDLY



LOW MAINTENANCE
HIGH PERFORMANCE



ITG010

10KG AVERAGE LOADING

Efficient • Hygienic • Eco-Friendly

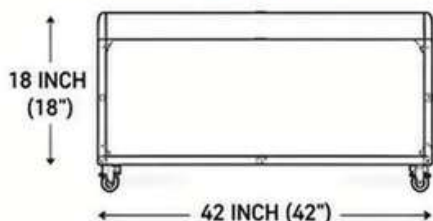
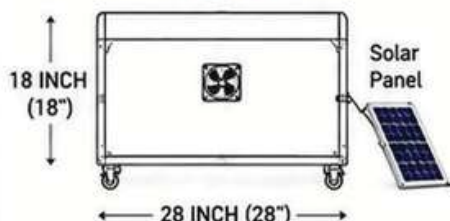
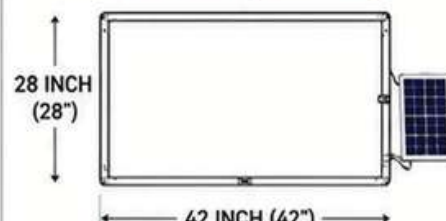
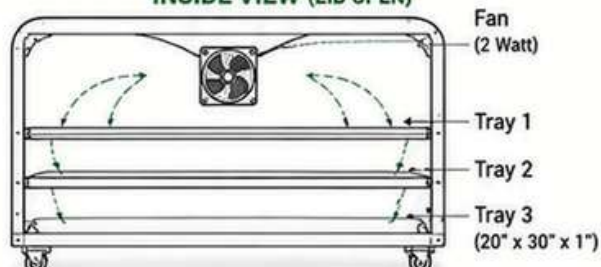
A compact natural convection solar dryer designed for efficient and hygienic drying of fruits, vegetables, herbs, spices and other agricultural products.



SPECIFICATIONS

SPECIFICATION	DETAILS
 Dryer Size (Inch)	42 x 28 x 18
 Drying Area	8.1 Sq.ft
 No. of Trays	3 Nos (Tray Size: 20 x 30 x 1 Inch)
 No. of Fans	2 Nos (3 Watt each)
 Solar Panel	1 Nos (20 Watt, 12 Volt)
 Castor Wheels	4 Nos

VIEWS & DIMENSIONS

FRONT VIEW

SIDE VIEW

TOP VIEW (LID CLOSED)

INSIDE VIEW (LID OPEN)


PACKAGE INCLUDES


3 x Trays
(20" x 30" x 1")

1 x Solar Panel
(20W, 12V)

2 x Fans
(3 Watt Each)

4 x Castor
Wheels

FEATURES

- ✓ UV Stabilized Polycarbonate Cover
- ✓ Single DC Fans for Natural Air Circulation
- ✓ Protects from Dust, Insects & Rain
- ✓ Solar Powered & Energy Efficient
- ✓ Food Grade Aluminium Trays
- ✓ Easy Mobility with Wheels
- ✓ Low Maintenance & Durable
- ✓ Ideal for Fruits, Vegetables, Herbs & More



CONTACT US:
90710-69000 | 76579-44044



WEBSITE:
www.indothaiglobal.com



4th floor, Kunal Tower,
Mall Road, Ludhiana- 141001

SOLAR DRYER | INNOVATIVE | SUSTAINABLE | EFFICIENT

20 KG SOLAR DRYER

EFFICIENT SOLAR DRYING FOR BETTER PRODUCT QUALITY

Indo Thai Global 20 KG Solar Dryer is designed for uniform and hygienic drying of fruits, vegetables, herbs, spices and other agricultural products. Solar powered with natural convection and forced air circulation for faster and safer drying.



SOLAR POWERED

Clean energy for cost effective operation



UV PROTECTION

Polycarbonate cover protects from harmful UV radiation



FOOD GRADE SS TRAYS

High quality stainless steel for safe drying



FORCED AIR CIRCULATION

Dual exhaust fans for uniform & faster drying



EASY MOBILITY

Equipped with 4 caster wheels for movement

IDEAL FOR DRYING



FRUITS



VEGETABLES



HERBS



SPICES



FLOWERS

SOLAR DRYER | INNOVATIVE | SUSTAINABLE | EFFICIENT

SPECIFICATIONS (20 KGS CAPACITY)

Outer Length (without wheels)	74 Inches
Outer Width	38 Inches
Outer Height	24 Inches
Tray Length (inside)	36 Inches
Tray Width (inside)	28 Inches
No. of Trays	2 Nos
Tray Material	SS Sheet
No. of Fans	2 Nos (3 Watt each)
Solar Panel	1 No (30 Watt, 12 Volt)
Castor Wheels	4 Nos
UV Sheet Thickness	6 mm
Covering Sheet	Polycarbonate Sheet (UV Protected)
Capacity	20 Kgs (Approx.)

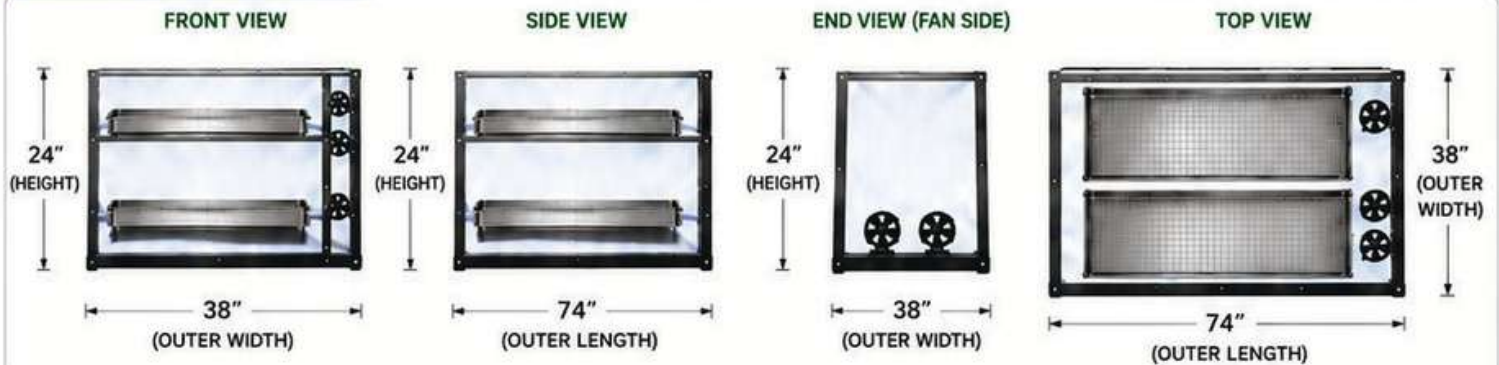
TRAY SIZE (INSIDE)



COVERING SHEET:

POLYCARBONATE SHEET (UV PROTECTED)
GLASS LIKE TRANSPARENCY

VIEWS & DIMENSIONS



TRAY (INSIDE)

36" (L) x 28" (W)



SOLAR PANEL

30 WATT, 12 VOLT



EXHAUST FAN

2 NOS (3 WATT EACH)



CASTOR WHEEL

4 NOS



FEATURES

- ✓ Do It Yourself model (DIY) – No expert required for installation
- ✓ Light Weight and Portable
- ✓ Foldable and Modular Structure
- ✓ Protection from Harmful UV radiation
- ✓ Protects from Dust, Dirt, Rainfall, Insects
- ✓ Durable, Low Maintenance & Long Life

HOW IT WORKS



50 KG SOLAR DRYER

COMMERCIAL DRYING SOLUTION

High capacity solar dryer designed for commercial applications. Built with food grade SS trays, UV protected polycarbonate cover and efficient air circulation for uniform and faster drying.



SOLAR POWERED
Clean energy for
cost effective
operation



UV PROTECTION
Polycarbonate cover
protects from harmful
UV radiation



**FOOD GRADE
SS TRAYS**
High quality stainless
steel for safe drying



**FORCED AIR
CIRCULATION**
4 exhaust fans for
uniform & faster drying



EASY MOBILITY
Equipped with
4 castor wheels
for movement

IDEAL FOR DRYING



FRUITS



VEGETABLES



HERBS



SPICES



FLOWERS

SPECIFICATIONS (50 KGS CAPACITY)

SPECIFICATION	DETAILS
Frame Length (Outer)	147 Inches (12'-3")
Frame Width (Outer)	48 Inches (4 Feet)
Frame Height (Outer)	41 Inches
Tray Size (Inside)	72" (L) x 36" (W)
Lower Trays	2 Nos (72" x 36" each)
Upper Trays	2 Nos (72" x 36" each)
No. of Trays (Total)	4 Nos
Tray Material	SS Sheet
No. of Fans	4 Nos (3 Watt each)
Solar Panel	1 No (30 Watt, 12 Volt)
Castor Wheels	4 Nos
UV Sheet Thickness	6 mm
Covering Sheet	Polycarbonate Sheet (UV Protected)
Capacity	50 Kgs (Approx.)

TRAY SIZE (INSIDE)



COVERING SHEET:

POLYCARBONATE SHEET (UV PROTECTED)
GLASS LIKE TRANSPARENCY

VIEWS & DIMENSIONS



TRAY (INSIDE)
72" (L) x 36" (W)



SOLAR PANEL
30 WATT, 12 VOLT



EXHAUST FAN
3 WATT, 12 VOLT
(4 NOS)



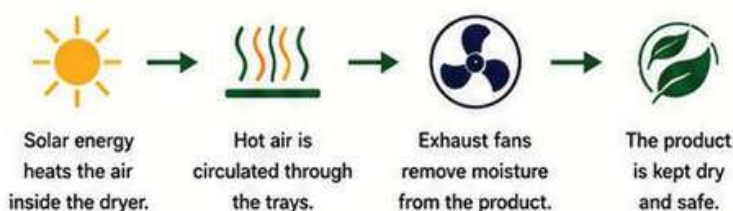
CASTOR WHEEL
4 NOS



FEATURES

- ✓ Do It Yourself model (DIY) - No expert required for installation
- ✓ Light Weight and Portable
- ✓ Foldable and Modular Structure
- ✓ Protection from Harmful UV radiation
- ✓ Protects from Dust, Dirt, Rainfall, Insects
- ✓ Durable, Low Maintenance & Long Life

HOW IT WORKS





100 KG SOLAR FAN DRYER

**100 KG
CAPACITY**

DOUBLE UV POLYCARBONATE COVER (TRANSPARENT)

High performance solar fan dryer designed for uniform and efficient drying of fruits, vegetables, herbs, spices and other agricultural products. Built with advanced features for better product quality and maximum hygiene.



SOLAR POWERED

Uses clean solar energy to reduce power cost.



UV PROTECTION

Double UV Polycarbonate cover for better protection & durability.



EFFICIENT DRYING

High performance fans for uniform air circulation & faster drying.



FOOD GRADE TRAYS

Made of 304 stainless steel safe for food products.



TEMPERATURE CONTROL

Digital controller maintains optimum drying temperature.



EASY TO MOVE

Equipped with wheels for easy movement & handling.

IDEAL FOR DRYING



Fruits



Vegetables



Herbs



Spices



Flowers



Seeds



SPECIFICATIONS

SPECIFICATION	DETAILS
Model	ITG-D100
Drying Capacity	100 Kg Per Batch
Tray Size (L x W x H)	120 x 44 x 21 Inch
No. of Trays	25 Nos (16 x 32 x 1 Inch)
Drying Area	90 Sq. ft
Overall Length	120 Inch
Overall Width	44 Inch
Overall Height	21 Inch
Tray Material	Stainless Steel 304 Food Grade
Body Material	Galvanized Zinc Coated Metal
Cover Material	Double UV Polycarbonate Sheet (Top Cover Transparent)
Insulation	PUF Insulated
Fans	4 Nos (3 Watt Each) (12V DC Brushless)
Solar Panel	4 Nos x 3 Watt (12 Watt Total)
Electric Heater	2400 Watt
Heater Voltage	230 V AC, 50 Hz
Controller	Digital Temperature Controller
Temperature Range	30°C to 70°C (Adjustable)
Drying Time	4 – 6 Hours (Depends on Product)
Power Supply	Solar + Electric (AC 230V, 50 Hz / DC 12V)
Mobility	With Wheels for Easy Movement

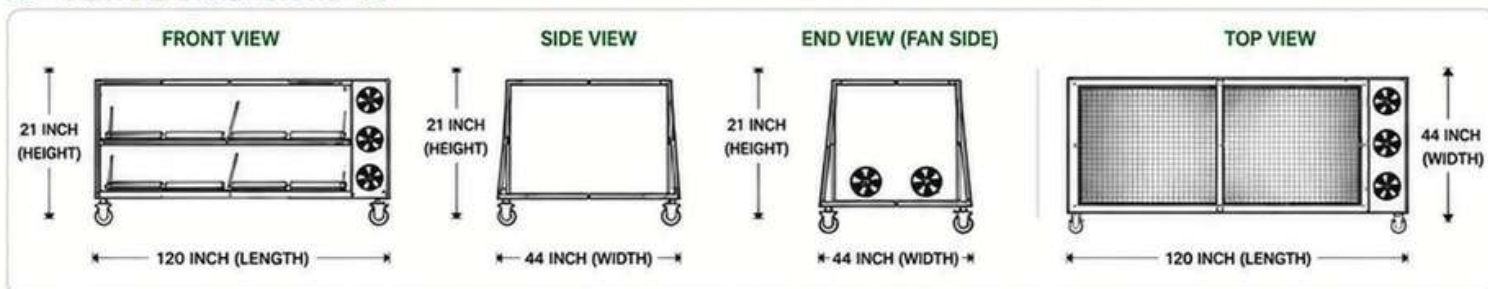
TRAY SIZE (INSIDE)



COVERING SHEET:

POLYCARBONATE SHEET (UV PROTECTED)
GLASS LIKE TRANSPARENCY

VIEWS & DIMENSIONS



SOLAR PANEL

4 NOS (3 WATT EACH)
TOTAL 12 WATT



EXHAUST FAN

4 NOS (3 WATT EACH)



TRAY (INSIDE)

120" (L) x 44" (W)



DIGITAL CONTROLLER



CASTOR WHEEL

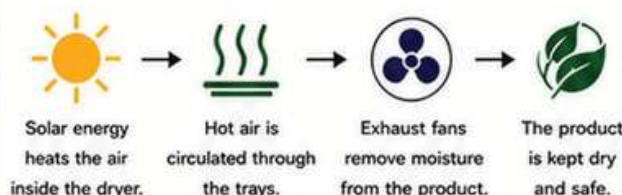
4 NOS



PACKAGE INCLUDES

- ✓ Solar Fan Dryer with Trays
- ✓ Solar Panel 4 Nos (3 Watt Each)
- ✓ Digital Temperature Controller
- ✓ Fans 4 Nos (3 Watt Each)
- ✓ Electric Heater 2400 Watt
- ✓ All Wiring & Connectors
- ✓ User Manual

HOW IT WORKS



NOTE

- Drying time may vary depending on product type, moisture content and weather conditions.
- Keep the dryer in direct sunlight for best performance.
- Clean trays and cover regularly for long life.

500 KGS SOLAR DRYER

20 TRAYS – TUNNEL TYPE

High capacity tunnel type solar dryer designed for commercial and industrial applications. Built with advanced technology for uniform drying, better product quality and reduced post-harvest losses.



SOLAR POWERED
Clean & renewable energy



UV STABILIZED
Protection from harmful UV radiation



FORCED AIR FLOW
Uniform and efficient drying



20 TRAYS CAPACITY
High capacity drying solution



ENERGY EFFICIENT
Low maintenance & cost effective



DURABLE STRUCTURE
Strong & long lasting construction



INTERIOR VIEW



SUITABLE FOR DRYING



FRUITS



VEGETABLES



SPICES



HERBS



FISH



SEEDS



HYGIENIC DRYING



BETTER PRODUCT QUALITY



EXTENDS SHELF LIFE



REDUCES POST-HARVEST LOSSES

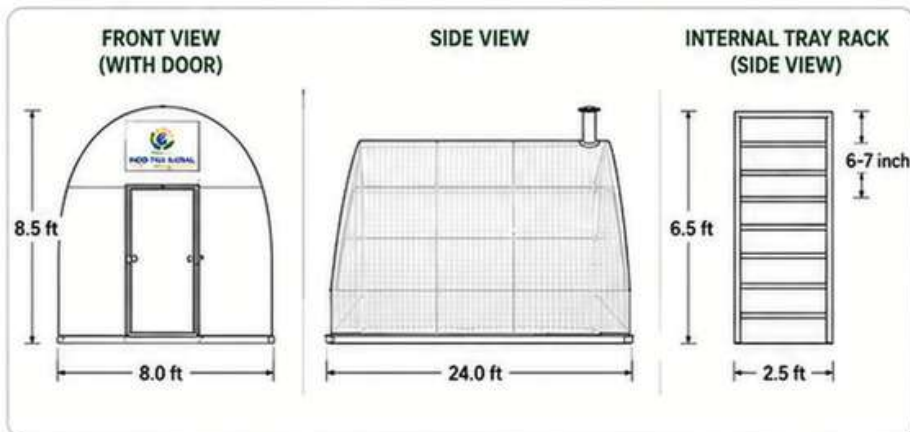


ECO FRIENDLY & SUSTAINABLE

TECHNICAL SPECIFICATIONS

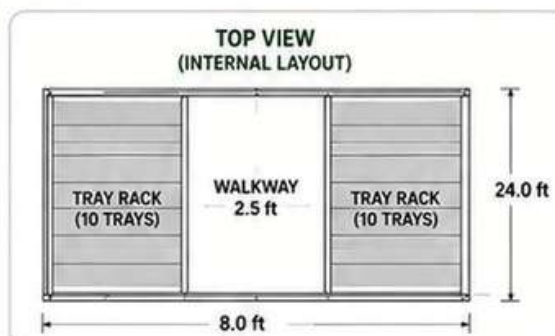
SPECIFICATION	DETAILS
Model No.	ITG-D500
Capacity	500 kg per cycle
Drying Type	Indirect Solar Dryer (Polyhouse)
Drying Structure	Three Vertical Layers
Size (W x L x H)	8 ft x 24 ft x 9 ft
Floor Area	192 sq. ft.
MS Pipe Structure	Yes (Metal Structure)
Cover Material	200 Micron UV Stabilized Sheet
Solar Panel Capacity	110 W, 12 V
Air Flow	Forced Convection using 12 V Fan
No. of Fans	5
Operating Temperature	50°C to 10°C Above Ambient
Drying Area	360 sq. ft.
Application	Fruits, Vegetables, Herbs, Spices, etc.

VIEWS & DIMENSIONS



FEATURES
✓ Polyhouse Tunnel shape structure
✓ Protection from Harmful UV radiation
✓ Protects from Dust, Dirt, Rainfall, Insects
✓ Installation required from expert
✓ Three-tier Drying Trays
✓ Uniform Drying with Forced Air Flow
✓ Energy Efficient & Low Maintenance
✓ Suitable for Agricultural Produce

SCOPE OF SUPPLY
✓ Polyhouse Structure
✓ MS Pipe Metal Structure
✓ UV Stabilized Sheet
✓ Drying Trays (3 Layers)
✓ Solar Panel (110 W, 12 V)
✓ 12 V DC Fans (5 Nos.)
✓ Installation & Commissioning



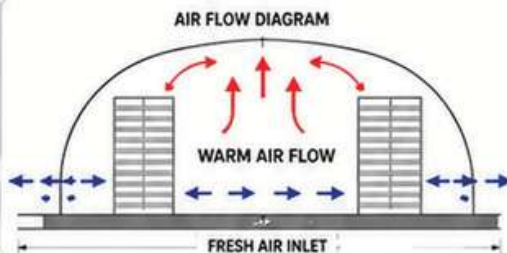
DC FANS
12 V DC (5 NOS.)



DRYING TRAYS
3 LAYERS (20 TRAYS)



MS PIPE STRUCTURE
METAL FRAME



OPTIONAL FEATURES
✓ Solar Powered Exhaust Fan
✓ Temperature & Humidity Display
✓ Automatic Ventilation System
✓ Stainless Steel Trays (Optional)
✓ Tray Trolley
✓ Custom Size Available

CAPACITY GUIDELINE (APPROX.)	
PRODUCT	CAPACITY PER BATCH
Chilli	450 – 500 Kg
Onion	400 – 500 Kg
Turmeric	500 – 600 Kg
Fish	300 – 400 Kg
* Depends on product type and layer thickness.	

STRUCTURE DETAILS
✓ Strong GI/MS Structure with Rust Proof Coating
✓ UV Stabilized Polycarbonate Sheet for Maximum Sunlight Penetration
✓ Hygienic & Food Grade Drying Environment
✓ Durable, Long Life & Low Maintenance
✓ Easy Loading / Unloading
✓ Suitable for All Weather Conditions
✓ Eco-Friendly & Cost Effective



2000 KGS SOLAR DRYER

80 TRAYS – TUNNEL TYPE

High capacity tunnel type solar dryer engineered for commercial and industrial applications. Built with advanced solar drying technology to deliver uniform drying, higher efficiency and superior product quality.



SOLAR POWERED
Clean & Renewable Energy



UV STABILIZED
Protection from harmful UV radiation



FORCED AIR FLOW
Uniform and efficient drying



80 TRAYS CAPACITY
High capacity drying solution

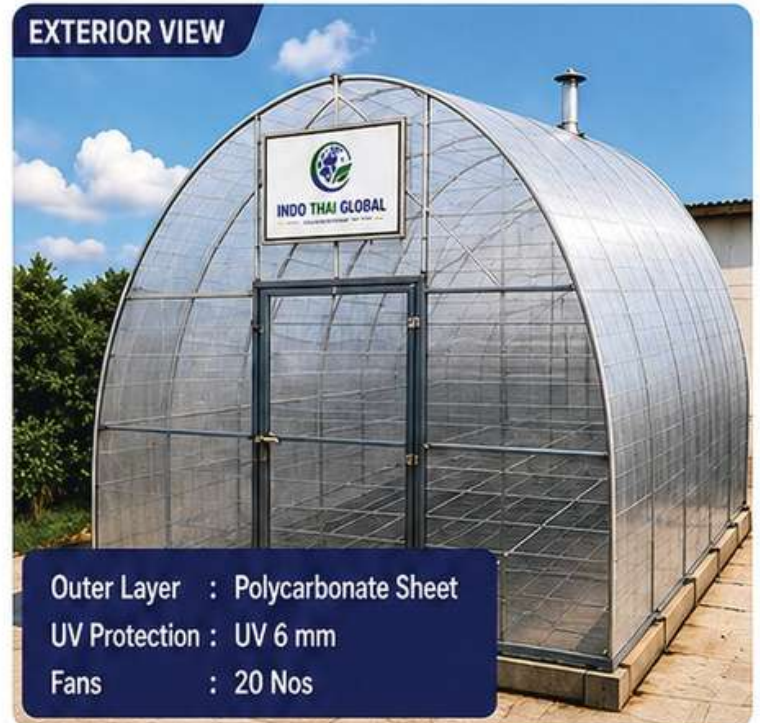


ENERGY EFFICIENT
Low maintenance & cost effective



DURABLE STRUCTURE
Strong & long lasting construction

EXTERIOR VIEW



Outer Layer : Polycarbonate Sheet
UV Protection : UV 6 mm
Fans : 20 Nos

INTERIOR VIEW



Drying Area : 1400 sq.ft
Floor Area : 768 sq.ft

SUITABLE FOR DRYING



FRUITS



VEGETABLES



SPICES



HERBS



FISH



SEEDS



HYGIENIC DRYING



BETTER PRODUCT QUALITY



EXTENDS SHELF LIFE



REDUCES POST-HARVEST LOSSES



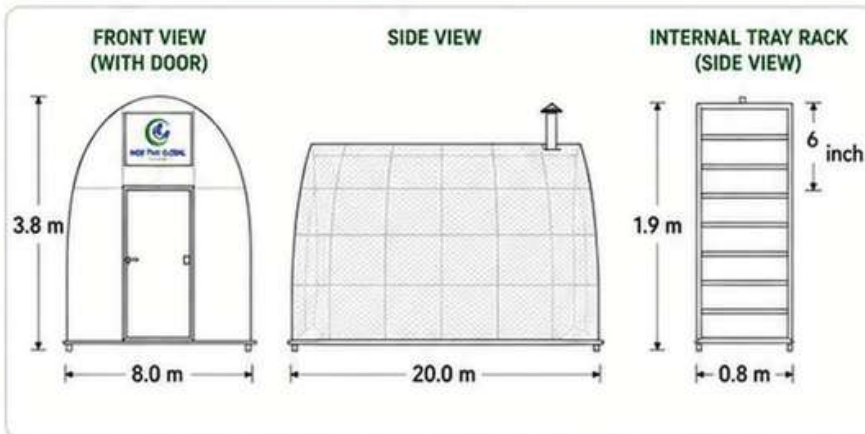
ECO FRIENDLY & SUSTAINABLE



TECHNICAL SPECIFICATIONS

SPECIFICATION	DETAILS
Model No.	ITG-D500
Capacity	2000 kgs per cycle
Drying Type	Indirect (Sun Dry per cycle)
Drying Structure	Tunnel Model Type
Size (W x L x H)	8.0 x 20.0 x 3.8 m
Floor Area	768 sq.ft.
No. of Trays	80 (Eighty)
Tray Material	GI / SS / Aluminum
Total Drying Area	1000 x 750 mm
No. of Fans	20
Power Supply	SOLAR / AC / DC / BackUp
Drying Time	36h to 76h
Application	Fruits, Vegetables, Herbs, Spices, etc.

VIEWS & DIMENSIONS



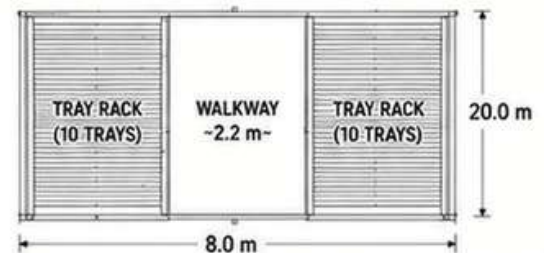
FEATURES

- ✓ Polycarbonate Tunnel shape structure
- ✓ Protection from Harmful UV radiation
- ✓ Protects from Dust, Dirt, Rainfall, Insects
- ✓ Insulation required from expert
- ✓ Three-tier Drying Trays
- ✓ Uniform Drying with Forced Air Flow
- ✓ Energy Efficient & Low Maintenance
- ✓ Suitable for Agricultural Produce

SCOPE OF SUPPLY

- 🏠 Polycarbonate Structure
- 🔧 MS Pipe Metal Structure
- 🏠 UV Stabilized Sheet
- 📦 Drying Trays (3 Layer)
- ☀️ Solar Panel (110 W, 12 V)
- 🌀 20 NOS Fans (5 Nos.)
- 🔧 Installation & Commissioning

TOP VIEW (INTERNAL LAYOUT)



SOLAR PANEL 110 W, 12 V



DC FANS 12 V DC (5 NOS.)



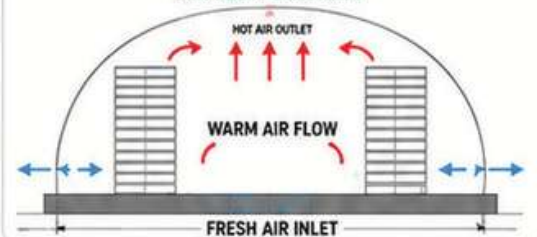
DRYING TRAYS 3 LAYERS (20 TRAYS)



MS PIPE STRUCTURE METAL FRAME



AIR FLOW DIAGRAM



OPTIONAL FEATURES

- ✓ Solar Powered Exhaust Fan
- ✓ Temperature & Humidity Display
- ✓ Automatic Ventilation System
- ✓ Stainless Steel Trays (Optional)
- ✓ Tray Trolley
- ✓ Custom Size Available

CAPACITY GUIDELINE (APPROX.)

PRODUCT	CAPACITY PER BATCH
Chilli	550 – 600 Kg
Onion	500 – 600 Kg
Turmeric	500 – 600 Kg
Tea	900 – 1000 Kg

* Depends on product type and layer thickness.

STRUCTURE DETAILS

- ✓ Strong GI/MS Structure with Rust Proof Coating
- ✓ UV Stabilized Polycarbonate Sheet for Maximum Sunlight Penetration
- ✓ Hygienic & Equal 3 Side Drying Environment
- ✓ Durable, Long Life & Low Maintenance
- ✓ Easy Loading / Unloading
- ✓ Suitable for all Weather Conditions
- ✓ Environmentally Safe & Eco Friendly