

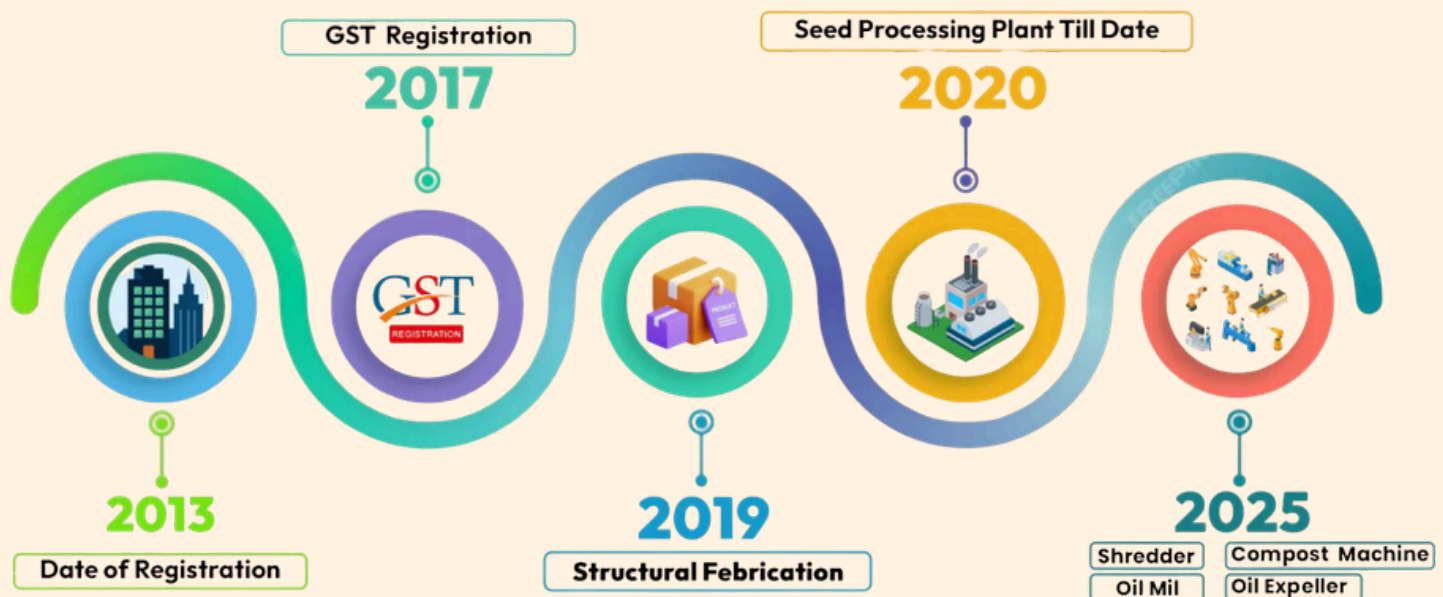


Engineering Value From Every Harvest

● ABOUT COMPANY

Zenith Engineering and Works was established with a singular vision to revolutionize the agricultural engineering landscape by delivering technologically advanced, reliable, and sustainable solutions that empower farmers, agribusinesses, and industries alike. Built upon the enduring values of innovation, integrity, and engineering excellence, the company has steadily evolved into a trusted name in manufacturing high-performance seed processing machinery and customized industrial solutions.

The foundation of the company was laid by **Sh. Gurmail Singh**, an accomplished farmer and visionary entrepreneur whose lifelong association with agriculture endowed him with profound insight into the challenges faced by cultivators. Recognizing that the quality of a harvest begins with the quality of its seed, he envisioned an enterprise dedicated to engineering world-class seed processing technologies capable of enhancing agricultural productivity and ensuring food security.



The identity of Zenith Engineering and Works was conceived by **Sh. Jitender Singh**, the younger son of Sh. Gurmail Singh. Endowed with remarkable foresight and entrepreneurial acumen, he not only christened the company but also played a pivotal role in transforming the vision into reality by securing the industrial premises that became the cornerstone of its operations. Since the company's inception, he has continued to serve as a Visionary Contributor and Strategic Advisor, providing invaluable guidance in shaping its long-term vision and future roadmap.

ABOUT COMPANY

The operational leadership of the organization was further strengthened under the stewardship of **Sh. Virender Singh**, the elder son of Sh. Gurmail Singh, who assumed the role of Managing Director. Bringing with him extensive international experience in mechanical and structural fabrication, coupled with his practical expertise gained through years of involvement in seed processing technologies, Virender Singh has been instrumental in modernizing manufacturing practices, enhancing operational efficiency, and expanding the company's technological capabilities. His leadership has significantly accelerated the company's growth and established a culture of engineering precision and customer-centric innovation.

A defining milestone in the company's journey came in November 2024, with the association of **Dr. Sonia Siwatch Khatkar** the youngest daughter in law of Gurmail Singh, an internationally acclaimed Nano Materials Scientist, distinguished researcher, and recipient of the prestigious Women Scientist Award. Joining the organization as its Guiding Force & Innovator, **Dr. Khatkar** infused a new dimension of scientific excellence into the company by spearheading research-driven product development and technological diversification.



Today, Zenith Engineering and Works stands as far more than a machinery manufacturer it is an innovation driven engineering enterprise dedicated to designing sustainable, intelligent, and future ready solutions. Guided by the agricultural wisdom of **Sh. Gurmail Singh**, the strategic foresight of **Sh. Jitender Singh**, the engineering leadership of **Sh. Virender Singh**, and the scientific vision of **Dr. Sonia Siwatch Khatkar**, the company continues to redefine excellence through continuous innovation, uncompromising quality, and an unwavering commitment to empowering industries and farmers across the globe.



OUR MISSION

Our mission is to lead innovation in the seed processing industry, drawing on our extensive expertise as a versatile fabricator across diverse sectors. We are dedicated to designing and manufacturing state-of-the-art plants that set new standards for quality, efficiency, and sustainability. Our unwavering commitment is to deliver advanced, reliable, and cost-effective solutions that not only enhance seed quality but also optimize processing performance. With a profound understanding of agricultural needs and a relentless focus on precision engineering, we aim to empower farmers, drive sustainable growth, and contribute meaningfully to the future of global food security. At the same time, we offer flexible and tailored fabrication solutions that cater to a wide range of industries worldwide.

OUR VISION

Our vision is to harness our extensive experience in manufacturing diverse industrial products and custom fabrication across various sectors, establishing ourselves as a versatile fabricator capable of delivering solutions for any industry. With a particular focus on the seed processing sector, we aim to lead by seamlessly integrating our engineering expertise with advanced technologies. We strive to provide superior, efficient, and sustainable solutions that empower farmers and significantly enhance agricultural productivity. As we continue to innovate and expand our capabilities, we remain committed to advancing industries with reliable, cutting-edge systems that foster long-term success and growth for our valued partners.

EMPLOYEE PROFILE

Aman Harjai

Marketing Head

As the Marketing Head at ZenAgrow, Aman Harjai plays a vital role in shaping the company's brand presence and driving its strategic marketing initiatives. With exceptional leadership, creativity, and a deep understanding of the agricultural industry, she ensures that ZenAgrow's innovative solutions reach the right customers while strengthening the company's position in the market.

Recognized for her outstanding work ethic, dedication, and result-oriented approach, Aman leads marketing campaigns that enhance brand visibility, build customer confidence, and create lasting business relationships. Her ability to transform market insights into effective strategies has contributed significantly to the company's continued growth and reputation.

Beyond marketing, Aman is known for her professionalism, collaborative spirit, and unwavering commitment to excellence. She works closely with customers, partners, and the sales team to communicate the value of ZenAgrow's technologies, ensuring every initiative reflects the company's core values of innovation, quality, and trust.



50+
Total Employees



10+
Years Experience

Amarjot Kaur

Business Development Manager

As the Business Development Manager at ZenAgrow, Amarjot Kaur plays a key role in expanding the company's business network and building strong long-term partnerships. With a proactive mindset and customer-focused approach, she identifies new opportunities that support business growth across diverse markets.

Known for her excellent communication skills and professionalism, Amarjot has earned the confidence of customers and business associates alike. Her ability to cultivate meaningful relationships and understand market trends has contributed significantly to the company's continued success.

Through her determination, strategic thinking, and customer-first philosophy, Amarjot continues to strengthen ZenAgrow's business development efforts while supporting the company's vision of delivering innovative and reliable agricultural solutions.



500+
Happy Clients

OUR CERTIFICATES



**MANAGEMENT SYSTEM
CERTIFICATE**

VERIFIED

www.royalapl.com

This is to certify that

ZENITH ENGG. AND WORKS
454, HSIIDC, IGC, SAHA, AMBALA - 133104, HARYANA, INDIA.

has been assessed by RAPL and found to comply with the requirements of

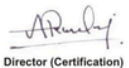
ISO 14001 : 2015
Environmental Management Systems

For the following activities:

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION AND SERVICING OF MACHINERY FOR
CLEANING, GRADING, SORTING & HANDLING OF SEED GRAINS, PULSES,
SPICES, OIL SEEDS, FRUITS & VEGETABLES AND FARM
IMPLEMENTS FOOD PROCESSING.

Certificate Number: E20241114561
Date of certification: 04/11/2024
1st Surveillance on or before: 03/11/2025
1Ind Surveillance on or before: 03/11/2026
Certification Valid Until: 03/11/2027




Director (Certification)
Royal Assessments Pvt. Ltd.
623 A, Tower-B, IT Hub, Plot No. A-40, Sector-62, Noida 201301, India.
www.royalapl.com, info@royalapl.com
Phone : +91 120 4251329
This Certificate can be verified at www.iafcertsearch.org



CERTIFICATE

This is to Certify that

ZENITH ENGG. AND WORKS
453-454, HSIIDC SAHA, DISTT. AMBALA - 133104, HARYANA, INDIA

has been independently assessed and is compliant with the requirements of:

ISO 24161:2022
(Waste collection and transportation management)

This certificate is applicable to the following product or service ranges:

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION AND SERVICING
OF MACHINERY FOR CLEANING, GRADING, SORTING & HANDLING
OF SEED GRAINS, PULSES, SPICES, OILSEEDS, FRUITS &
VEGETABLES AND FARM IMPLEMENTS FOOD PROCESSING

Certificate No.: SPC24W9641

Authorised Signatory
SP Certification Limited
130, Old Street, London,
EC1V9BD, U.K.
Email: info@spcertification.co.uk
www.spcertification.co.uk
Company No. 11668116

Date of Initial Registration: 06-11-2024
1st Surveillance audit on or before: 05-11-2025
2nd Surveillance audit on or before: 05-11-2026
Date of Recertification: 06-11-2027



Accredited by Accreditation Forum of International Standards [AFIST (UK) LTD.]
8, Park View Road, Leeds, LS4 2LG, United Kingdom (UK). Email: info@afist.org. Website: www.afist.org
The approval is subject to the company maintaining its system to the required standards, which will be monitored by SPC.
The Certificate remains the property of SPC and must be returned on request.
To check validity of this certificate please visit www.spcertification.co.uk and www.afist.org



CERTIFICATE

This is to Certify that

ZENITH ENGG. AND WORKS
453-454, HSIIDC SAHA, DISTT. AMBALA - 133104, HARYANA, INDIA

has been independently assessed and is compliant with the requirements of:

ISO 15614-5:2004
(Specification and qualification of welding procedures for metallic materials — Welding
procedure test — Part 5: Arc welding of titanium, zirconium and their alloys)

This certificate is applicable to the following product or service ranges:

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION AND SERVICING
OF MACHINERY FOR CLEANING, GRADING, SORTING & HANDLING
OF SEED GRAINS, PULSES, SPICES, OILSEEDS, FRUITS &
VEGETABLES AND FARM IMPLEMENTS FOOD PROCESSING

Certificate No.: SPC24S9640

Authorised Signatory
SP Certification Limited
130, Old Street, London,
EC1V9BD, U.K.
Email: info@spcertification.co.uk
www.spcertification.co.uk
Company No. 11668116

Date of Initial Registration: 06-11-2024
1st Surveillance audit on or before: 05-11-2025
2nd Surveillance audit on or before: 05-11-2026
Date of Recertification: 06-11-2027



Accredited by Accreditation Forum of International Standards [AFIST (UK) LTD.]
8, Park View Road, Leeds, LS4 2LG, United Kingdom (UK). Email: info@afist.org. Website: www.afist.org
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The Certificate remains the property of SPC and must be returned on request.
To check validity of this certificate please visit www.spcertification.co.uk and www.afist.org



CERTIFICATE

This is to Certify that

ZENITH ENGG. AND WORKS
453-454, HSIIDC SAHA, DISTT. AMBALA - 133104, HARYANA, INDIA

has been independently assessed and is compliant with the requirements of:

ISO 24297:2022
(Guidelines for treatment and reuse of leachate from municipal solid waste (MSW)
incineration plants)

This certificate is applicable to the following product or service ranges:

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION AND SERVICING
OF MACHINERY FOR CLEANING, GRADING, SORTING & HANDLING
OF SEED GRAINS, PULSES, SPICES, OILSEEDS, FRUITS &
VEGETABLES AND FARM IMPLEMENTS FOOD PROCESSING

Certificate No.: SPC24G9642

Authorised Signatory
SP Certification Limited
130, Old Street, London,
EC1V9BD, U.K.
Email: info@spcertification.co.uk
www.spcertification.co.uk
Company No. 11668116

Date of Initial Registration: 06-11-2024
1st Surveillance audit on or before: 05-11-2025
2nd Surveillance audit on or before: 05-11-2026
Date of Recertification: 06-11-2027



Accredited by Accreditation Forum of International Standards [AFIST (UK) LTD.]
8, Park View Road, Leeds, LS4 2LG, United Kingdom (UK). Email: info@afist.org. Website: www.afist.org
The approval is subject to the company maintaining its system to the required standards, which will be monitored by SPC.
The Certificate remains the property of SPC and must be returned on request.
To check validity of this certificate please visit www.spcertification.co.uk and www.afist.org

OUR CERTIFICATES

CERTIFICATE



CERTIFICATE

This is to Certify that

ZENITH ENGG. AND WORKS

453-454, HSIIDC SAHA, DISTT. AMBALA - 133104, HARYANA, INDIA

has been independently assessed and is compliant with the requirements of:

ISO 26000:2010

(Guidance on social responsibility)

This certificate is applicable to the following product or service ranges:

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION AND SERVICING OF MACHINERY FOR CLEANING, GRADING, SORTING & HANDLING OF SEED GRAINS, PULSES, SPICES, OILSEEDS, FRUITS & VEGETABLES AND FARM IMPLEMENTS FOOD PROCESSING

Certificate No.: SPC24G9643

Michel For Zenith Engg. and Works, Proprietor

Authorised Signatory

SP Certification Limited
130, Old Street, London,
EC1V9BD, U.K.
Email: info@spcertification.co.uk
www.spcertification.co.uk
Company No. 11668116

Date of Initial Registration: 06-11-2024
1st Surveillance audit on or before: 05-11-2025
2nd Surveillance audit on or before: 05-11-2026
Date of Recertification: 06-11-2027



Accredited by Accreditation Forum of International Standards [AFIST (UK) LTD.]
9, Park View Road, Leeds, LS4 2LG, United Kingdom (UK). Email: info@afist.org, Website: www.afist.org
The approval is subject to the company maintaining its system to the required standards, which will be monitored by SPC.
The Certificate remains the property of SPC and must be returned on request.
To check validity of this certificate please visit www.spcertification.co.uk and www.afist.org



2xentry Certificates

CERTIFICATE



CERTIFICATE

This is to Certify that

ZENITH ENGG. AND WORKS

453 - 454, HSIIDC, INDUSTRIAL AREA, HSIIDC SAHA, AMBALA, HARYANA -133101, INDIA

has been independently assessed and is compliant with the requirements of:

OHSAS 18001:2007

(Occupational Health and Safety Management System)

This certificate is applicable to the following product or service ranges:

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION AND SERVICING OF MACHINERY RELATED TO CLEANING, GRADING, SORTING & HANDLING OF SEED GRAINS, PULSES, SPICES, OILSEEDS, FRUITS & VEGETABLES AND FARM IMPLEMENTS FOOD PROCESSING

Certificate No.: SPC24H9745

Michel For Zenith Engg. and Works, Proprietor

Authorised Signatory

SP Certification Limited
130, Old Street, London,
EC1V9BD, U.K.
Email: info@spcertification.co.uk
www.spcertification.co.uk
Company No. 11668116

Date of Initial Registration: 11-12-2024
1st Surveillance audit on or before: 10-12-2025
2nd Surveillance audit on or before: 10-12-2026
Date of Recertification: 11-12-2027



Accredited by Accreditation Forum of International Standards [AFIST (UK) LTD.]
9, Park View Road, Leeds, LS4 2LG, United Kingdom (UK). Email: info@afist.org, Website: www.afist.org
The approval is subject to the company maintaining its system to the required standards, which will be monitored by SPC.
The Certificate remains the property of SPC and must be returned on request.
To check validity of this certificate please visit www.spcertification.co.uk and www.afist.org



2xentry Certificates



MANAGEMENT SYSTEM CERTIFICATE



www.royalapl.com

This is to certify that

ZENITH ENGG. AND WORKS

454, HSIIDC, IGC, SAHA, AMBALA - 133104, HARYANA, INDIA

has been assessed by RAPL and found to comply with the requirements of

ISO 9001 : 2015

Quality Management Systems

For the following activities:

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION AND SERVICING OF MACHINERY FOR CLEANING, GRADING, SORTING & HANDLING OF SEED GRAINS, PULSES, SPICES, OIL SEEDS, FRUITS & VEGETABLES AND FARM IMPLEMENTS FOOD PROCESSING.

Certificate Number: E20241114560
Date of certification: 04/11/2024
1st Surveillance on or before: 03/11/2025
1Ind Surveillance on or before: 03/11/2026
Certification Valid Until: 03/11/2027

For Zenith Engg. and Works, Proprietor





Accredited
QMS Certification CAB# 119012

Director (Certification)
Royal Assessments Pvt. Ltd.
623 A, Tower-B, 1Thum, Plot No. A - 40, Sector - 62, Noida 201301, India.
www.royalapl.com, info@royalapl.com
Phone : +91 120 4251329
This Certificate can be verified at www.iafcertsearch.org

This Certificate is an endorsement of certified clients certification status but remains the property of Royal Assessments Pvt. Ltd. Certificate must be returned on RAPL's request or if certificate is withdrawn. Validity of certificate is subject to successful completion of surveillance audits. RAPL is accredited by EGAC, Egypt. EGAC is member of International Accreditation Forum (IAF) and signatory of MLA.

CERTIFICATE



CERTIFICATE

This is to Certify that

ZENITH ENGG. AND WORKS

453-454, HSIIDC SAHA, DISTT. AMBALA - 133104, HARYANA, INDIA

has been independently assessed and is compliant with the requirements of:

ISO 10001:2018

(Quality management — Customer satisfaction — Guidelines for codes of conduct for organizations)

This certificate is applicable to the following product or service ranges:

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION AND SERVICING OF MACHINERY FOR CLEANING, GRADING, SORTING & HANDLING OF SEED GRAINS, PULSES, SPICES, OILSEEDS, FRUITS & VEGETABLES AND FARM IMPLEMENTS FOOD PROCESSING

Certificate No.: SPC24C9644

Michel For Zenith Engg. and Works, Proprietor

Authorised Signatory

SP Certification Limited
130, Old Street, London,
EC1V9BD, U.K.
Email: info@spcertification.co.uk
www.spcertification.co.uk
Company No. 11668116

Date of Initial Registration: 06-11-2024
1st Surveillance audit on or before: 05-11-2025
2nd Surveillance audit on or before: 05-11-2026
Date of Recertification: 06-11-2027



Accredited by Accreditation Forum of International Standards [AFIST (UK) LTD.]
9, Park View Road, Leeds, LS4 2LG, United Kingdom (UK). Email: info@afist.org, Website: www.afist.org
The approval is subject to the company maintaining its system to the required standards, which will be monitored by SPC.
The Certificate remains the property of SPC and must be returned on request.
To check validity of this certificate please visit www.spcertification.co.uk and www.afist.org



2xentry Certificates

OUR CERTIFICATES



CERTIFICATE

*Of Compliance
This is to Certify that*

ZENITH ENGG. AND WORKS

453 - 454, HSIIDC, INDUSTRIAL AREA, HSIIDC SAHA, AMBALA,
HARYANA -133101, INDIA

has been independently assessed and is compliant with the requirements of:

SA 8000:2014

(Social Accountability Management System)

This certificate is applicable to the following product or service ranges:

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION AND SERVICING OF MACHINERY RELATED TO CLEANING, GRADING, SORTING & HANDLING OF SEED GRAINS, PULSES, SPICES, OILSEEDS, FRUITS & VEGETABLES AND FARM IMPLEMENTS FOOD PROCESSING

This certificate refers to the information examined and read with Organization's declaration of conformity. Further, the product/service liability rests with the organization or his representative in accordance with SA8000. SP Certification Ltd. is an independent certification body and not affiliated with the SA.

Certificate No.: SPC2459746

Date of Initial Registration: 11-12-2024

1st Surveillance audit on or before: 10-12-2025

2nd Surveillance audit on or before: 10-12-2026

Date of Recertification: 11-12-2027

Authorised Signatory

SP Certification Limited
130, Old Street, London,
EC1V9BD, U.K.
Email: info@spcertification.co.uk
www.spcertification.co.uk
Company No. 11668116





Accredited by Accreditation Forum of International Standards (AFIST) (UK) LTD.]
9, Park View Road, Leeds, LS4 2LG, United Kingdom (UK). Email: info@afist.org. Website: www.afist.org.
The approval is subject to the company maintaining its system to the required standards, which will be monitored by SPC.
The Certificate remains the property of SPC and must be returned on request.
To check validity of this certificate please visit www.spcertification.co.uk and www.afist.org



2 Certify Certificates



CERTIFICATE

This is to Certify that

ZENITH ENGG. AND WORKS

453 - 454, HSIIDC, INDUSTRIAL AREA, HSIIDC SAHA, AMBALA,
HARYANA - 133101, INDIA

has been independently assessed and is compliant with the requirements of:

ISO 22301:2019

(Security and resilience - Business continuity management systems)

This certificate is applicable to the following product or service ranges:

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION AND SERVICING OF MACHINERY RELATED TO CLEANING, GRADING, SORTING & HANDLING OF SEED GRAINS, PULSES, SPICES, OILSEEDS, FRUITS & VEGETABLES AND FARM IMPLEMENTS FOOD PROCESSING, AUTOMATIC BIO COMPOST & SHREDDER MACHINES

This certificate refers to the information examined and read with Organization's declaration of conformity. Further, the product/service liability rests with the organization or his representative in accordance with SA8000. SP Certification Ltd. is an independent certification body and not affiliated with the SA.

Certificate No.: SPC2459786

Date of Initial Registration: 25-12-2024

1st Surveillance audit on or before: 24-12-2025

2nd Surveillance audit on or before: 24-12-2026

Date of Recertification: 25-12-2027

Authorised Signatory

SP Certification Limited
130, Old Street, London,
EC1V9BD, U.K.
Email: info@spcertification.co.uk
www.spcertification.co.uk
Company No. 11668116





Accredited by Accreditation Forum of International Standards (AFIST) (UK) LTD.]
9, Park View Road, Leeds, LS4 2LG, United Kingdom (UK). Email: info@afist.org. Website: www.afist.org.
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The Certificate remains the property of SPC and must be returned on request.
To check validity of this certificate please visit www.spcertification.co.uk and www.afist.org



2 Certify Certificates



भारत सरकार
Government of India
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
Ministry of Micro, Small and Medium Enterprises



UDYAM REGISTRATION CERTIFICATE



Our small hands to make you LARGE

UDYAM REGISTRATION NUMBER	UDYAM-HR-01-0004105																						
NAME OF ENTERPRISE	ZENITH ENGG. AND WORKS																						
TYPE OF ENTERPRISE *	MICRO (SMALL During Previous Financial Year)																						
MAJOR ACTIVITY	MANUFACTURING																						
SOCIAL CATEGORY OF ENTREPRENEUR	GENERAL																						
NAME OF UNIT(S)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>S.No.</th> <th colspan="3">Name of Unit(s)</th> </tr> <tr> <td>1</td> <td colspan="3">ZENITH ENGG. AND WORKS</td> </tr> </table>			S.No.	Name of Unit(s)			1	ZENITH ENGG. AND WORKS														
S.No.	Name of Unit(s)																						
1	ZENITH ENGG. AND WORKS																						
OFFICIAL ADDRESS OF ENTERPRISE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Flat/Door/Block No.</td> <td>453-454</td> <td>Name of Premises/ Building</td> <td>HSIIDC</td> </tr> <tr> <td>Village/Town</td> <td>INDUSTRIAL AREA</td> <td>Block</td> <td>SABA</td> </tr> <tr> <td>Road/Street/Lane</td> <td>AMBALA</td> <td>City</td> <td>AMBALA</td> </tr> <tr> <td>State</td> <td>HARYANA</td> <td>District</td> <td>AMBALA, Pin 133104</td> </tr> <tr> <td>Mobile</td> <td>989421281</td> <td>Email</td> <td>zenithenggworks@gmail.com</td> </tr> </table>			Flat/Door/Block No.	453-454	Name of Premises/ Building	HSIIDC	Village/Town	INDUSTRIAL AREA	Block	SABA	Road/Street/Lane	AMBALA	City	AMBALA	State	HARYANA	District	AMBALA, Pin 133104	Mobile	989421281	Email	zenithenggworks@gmail.com
Flat/Door/Block No.	453-454	Name of Premises/ Building	HSIIDC																				
Village/Town	INDUSTRIAL AREA	Block	SABA																				
Road/Street/Lane	AMBALA	City	AMBALA																				
State	HARYANA	District	AMBALA, Pin 133104																				
Mobile	989421281	Email	zenithenggworks@gmail.com																				
DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE	03/07/2013																						
DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS	14/02/2014																						
NATIONAL INDUSTRY CLASSIFICATION CODE(S)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>S.No.</th> <th>NIC 2 Digit</th> <th>NIC 3 Digit</th> <th>NIC 4 Digit</th> <th>Activity</th> </tr> <tr> <td>1</td> <td>25 - Manufacture of fabricated metal products, except machinery and equipment</td> <td>2599 - Manufacture of other fabricated metal products n.e.c.</td> <td>25999 - Manufacture of other fabricated metal products n.e.c.</td> <td>Manufacturing</td> </tr> <tr> <td>2</td> <td>28 - Manufacture of machinery and equipment n.e.c.</td> <td>2821 - Manufacture of agricultural and forestry machinery</td> <td>28219 - Manufacture of other agricultural and forestry machinery n.e.c.</td> <td>Manufacturing</td> </tr> </table>			S.No.	NIC 2 Digit	NIC 3 Digit	NIC 4 Digit	Activity	1	25 - Manufacture of fabricated metal products, except machinery and equipment	2599 - Manufacture of other fabricated metal products n.e.c.	25999 - Manufacture of other fabricated metal products n.e.c.	Manufacturing	2	28 - Manufacture of machinery and equipment n.e.c.	2821 - Manufacture of agricultural and forestry machinery	28219 - Manufacture of other agricultural and forestry machinery n.e.c.	Manufacturing					
S.No.	NIC 2 Digit	NIC 3 Digit	NIC 4 Digit	Activity																			
1	25 - Manufacture of fabricated metal products, except machinery and equipment	2599 - Manufacture of other fabricated metal products n.e.c.	25999 - Manufacture of other fabricated metal products n.e.c.	Manufacturing																			
2	28 - Manufacture of machinery and equipment n.e.c.	2821 - Manufacture of agricultural and forestry machinery	28219 - Manufacture of other agricultural and forestry machinery n.e.c.	Manufacturing																			
DATE OF UDYAM REGISTRATION	08/03/2021																						

* In case of graduation (upward-reversal) of status of an enterprise, the benefit of the Government Schemes will be availed as per the provisions of Notification No. S.O. 2119(E) dated 20.06.2020 issued by the Mo MSME.

Disclaimer: This is computer generated statement, no signature required. Printed from udyamregistration.gov.in & Date of printing: 14/03/2021

For any assistance, you may contact:

1. District Industries Centre: AMBALA (HARYANA)

2. MSME-DI: KARNAL (HARYANA)

For Zenith Engg. and Works

Proprietor

Visit : www.msme.gov.in | www.dcmse.gov.in | www.champions.msme.gov.in



BE A CHAMPION
with the
Ministry of
MSME

INFRASTRUCTURE



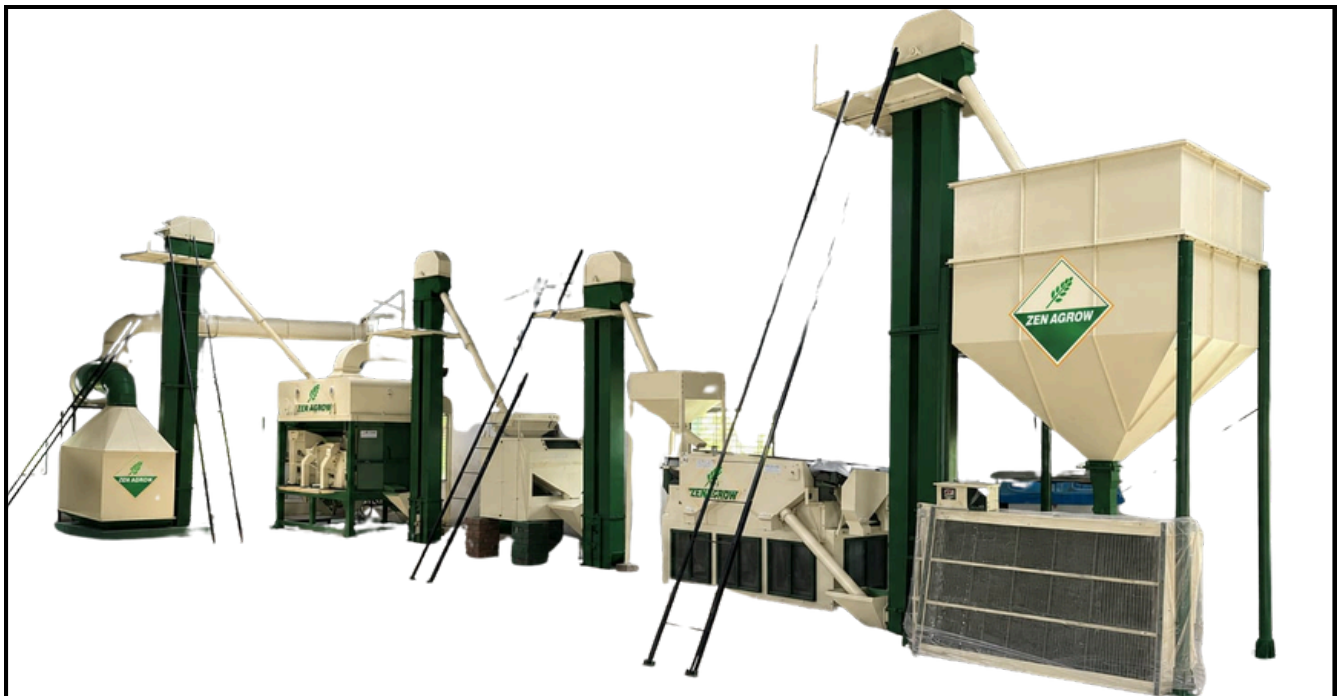
INFRASTRUCTURE



PRODUCT SECTION



PRODUCT SECTION



PRODUCT SECTION





Capacity	1 Ton/Hour
Operation Mode	Automatic
Electricity Connection	Three Phase
Motor Power	1 HP
Material of Construction(Contact)	MS
Voltage	420 V
Model Name/Number	ZEW/DS
Weight	700 kg
Automation Grade	Semi-Automatic

A destoner is an essential machine in seed and grain processing, designed to remove stones, dirt, and other heavy impurities from the material. It operates by utilizing a combination of airflow and vibrating screens, which separate the lighter seeds or grains from the heavier stones and debris. As the material is fed into the machine, the heavier stones are effectively separated and removed, while the clean seeds or grains are collected for further processing. This enhances the purity and overall quality of the final product.

We manufacture both magnetic and vibro destoners:

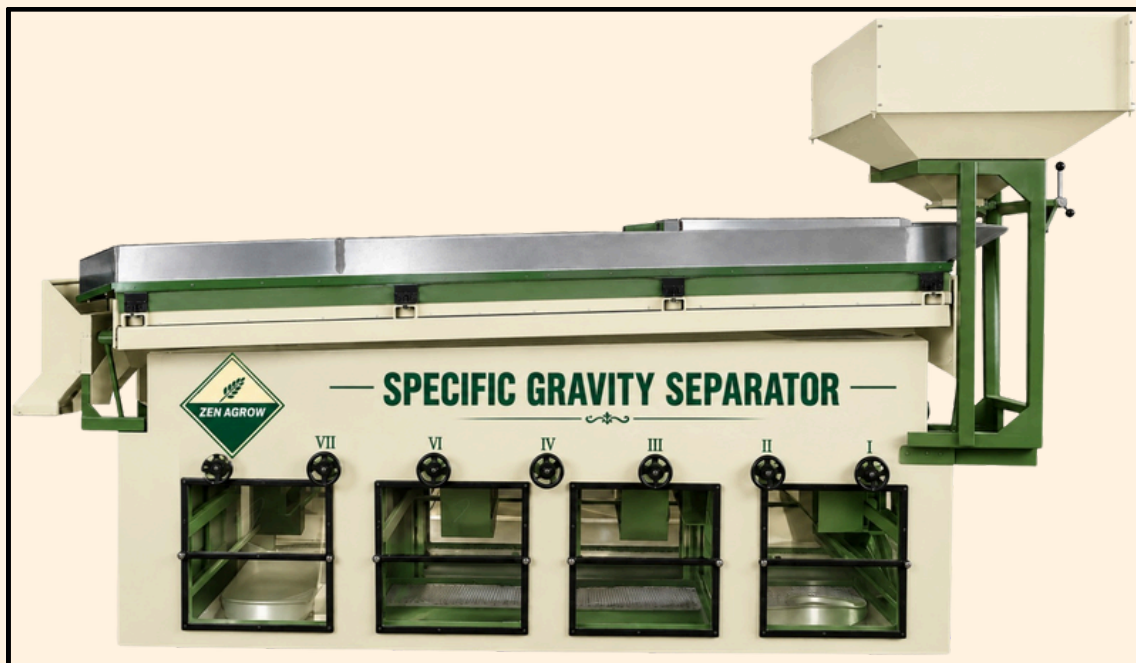
Magnetic destoners use powerful magnetic forces to remove ferrous metals, such as nails or screws, ensuring that the seeds or grains remain free from metal contamination.

Vibro destoners employ vibration and air flow to separate stones and other heavy impurities, further improving the quality of the seeds or grains.

We Manufacture Machines of all capacities.

We design plants of all capacities.

Model	3 Fan Gravity	5 Fan Gravity	7 Fan Gravity
Dimension	1900x1100	2600x1350	3400x1400
Capacity	1 to 1.5	2 to 3	4 to 5
No. of Blowers	3	5	7
Motors	5 HP for Blowers and 1 HP For Deck	7.5 HP for Blowers and 1.5 HP For Deck	10 HP for Blowers and 2 HP For Deck
Deck Type	Wooden	Wooden	Wooden
Filter Side Panel	6	8	10



A gravity separator is a machine used in agriculture and seed processing to separate materials based on their density and weight. It operates by using air flow and a vibrating deck, which causes heavier and lighter particles to move differently, allowing the separation of good seeds from lighter, damaged, or foreign materials like dust, stones, and plant debris. This improves seed purity, quality, and overall processing efficiency.

We manufacture both 5-fan and 7-fan gravity separators, designed to meet the specific needs of various seed processing operations.

- Gravity separator of 7 fan.
- VFD System for air blower 10 H.P. motor. For Gravity Deck motor 1.5
- H.P. 3mm body
- structure 65*8 heavy C channel Burma wooden deck and S.S.
- Spring Steel wire mesh screen Dynamically Balance fan.

We Manufacture Machines of all capacities.
We design plants of all capacities.



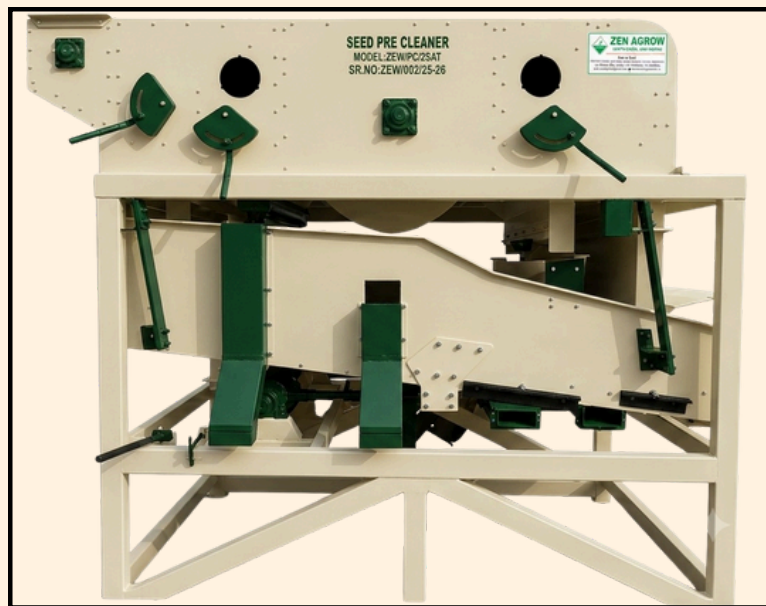
Operation Mode	Automatic
Electricity Connection	Three Phase
Motor Power	7 HP
Surface Finish	Painted
Capacity	5 Ton/Hour
Material	Mild Steel
Voltage	440 V
Country of Origin	Made in India

An indented cylinder is a seed processing machine used for separating seeds based on size and shape. It consists of a rotating cylinder with indentations (or grooves) on its surface. As the cylinder rotates, seeds are fed into it, and the indentations pick up and separate seeds of specific sizes. Larger or irregularly shaped seeds are not picked up, while smaller seeds are retained in the indentations and separated for further processing. This machine is commonly used to improve seed purity and quality.

- * No. of Cylinder:- One
- * Size of Cylinder:- Length-3600mm, Diameter-750mm
- * Electric Motor Capacity:- 2HP

**We Manufacture Machines of all capacities.
We design plants of all capacities.**

Model	ZEW/PC/1-2 TPH	ZEW/PC/2-3 TPH	ZEW/PC/3-4 TPH	ZEW/PC/4-5 TPH
Capacity	1-2 TPH	2-3 TPH	3-4 TPH	4-5 TPH
Dimension	3100x1200x2300	3100x1300x2300	3100x1500x2300	3100x1700x2300
No. of Screen	2	2	2	2
No. of Blowers	1	1	1	1
Blower Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal
Motor No. & Capacity	2 & 3 HP, 1 HP	2 & 5 HP, 1.5 HP	2 & 7.5 HP, 2 HP	2 & 7.5 HP, 2 HP
Screen Cleaning Type	Nylon Brush & Bouncing Balls	Nylon Brush & Bouncing Balls	Nylon Brush & Bouncing Balls	Nylon Brush & Bouncing Balls



A pre-cleaner machine is an essential agricultural tool used to remove impurities, debris, and unwanted materials from seeds before they undergo grading or further processing. It utilizes a combination of screens, air blowers, and vibrating mechanisms to effectively separate dirt, stones, and plant matter, ensuring only clean seeds are processed. This improves seed quality and enhances the efficiency of the entire production process.

We manufacture pre-cleaner machines in a variety of capacities, expertly designed to cater to the specific needs of different farming and seed processing operations.

We Manufacture Machines of all capacities.
We design plants of all capacities.

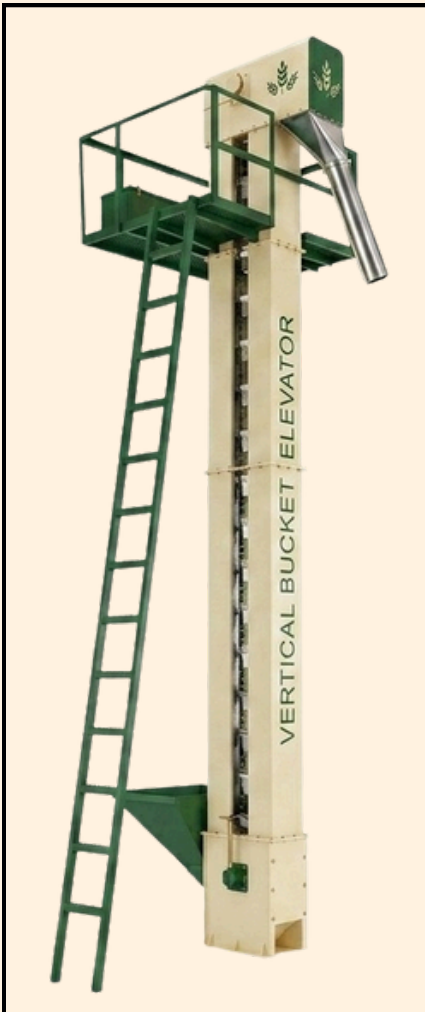
Model	ZEW/SGS/1-2 TPH	ZEW/SGS/1-2 TPH	ZEW/SGS/1-2 TPH	ZEW/SGS/1-2 TPH
Capacity	1-2 TPH	2-3 TPH	3-4 TPH	4-5 TPH
Dimension	3100x1200x2300	3100x1300x2300	3100x1500x2300	3100x1700x2300
No. of Screen	3	3	3	3
No. of Blowers	1	1	1	1
Blower Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal
Motor No. & Capacity	2 & 3 HP, 1 HP	2 & 5 HP, 1.5 HP	2 & 7.5 HP, 2 HP	2 & 7.5 HP, 2 HP
Screen Cleaning Type	Nylon Brush & Bouncing Balls	Nylon Brush & Bouncing Balls	Nylon Brush & Bouncing Balls	Nylon Brush & Bouncing Balls



A seed grader machine is designed to sort and classify seeds based on size, weight, and purity. By separating seeds into distinct grades, it ensures consistent seed quality, which enhances germination rates and boosts crop yields. These machines typically utilize sieves, air classifiers, or gravity tables to efficiently clean and sort seeds.

We manufacture high-quality seed graders in various capacities, expertly tailored to meet the diverse needs of farming and seed processing operations.

**We Manufacture Machines of all capacities.
We design plants of all capacities.**



Capacity	4 Ton
Material	Mild Steel
Brand	ZEN AGROW
Usage/Application	Industrial
Structure	Mild Steel
Warranty	12 Months
Door Style	Automatic
Operating Height	20-25
Drive Technology	Hydraulic
Drive Type	AC
Signalization	Simplexing
Installation Provided	Yes
I Deal In	New Only
Country of Origin	Made in India

A vertical bucket elevator is a type of conveyor system used to lift bulk materials, such as seeds, grains, or fertilizers, vertically. It consists of a series of buckets attached to a belt or chain that move in a continuous loop. As the buckets move upward, they scoop up the material and deposit it at the top of the elevator. This system is efficient for transporting materials over long vertical distances, ensuring minimal spillage and maintaining the quality of the material being lifted.

- **Belt Material:- Rubberized canvas 5".**
- **Bucket material :- 5" Nylon.**
- **Height of Elevator :- As per machine requirement.**
- **Motor capacity:- 2HP, Three Phase Gear Motor**

We Manufacture Machines of all capacities.
We design plants of all capacities.



An Automatic Compost Machine provides an efficient solution for processing organic waste. It helps convert biodegradable materials into useful compost by creating controlled conditions for decomposition.

The system can process suitable materials such as food waste, vegetable waste, garden waste, leaves, and agricultural waste. During operation, it manages important factors such as moisture, temperature, aeration, and mixing. As a result, it supports faster and more controlled composting.

Complete Agricultural Processing Solutions

We manufacture agricultural and processing equipment for different industries. Our product range includes seed cleaning, grading, material handling, and waste management equipment.

For example, our Pre-Cleaner Machine can help remove unwanted materials from seeds and grains before further processing. Similarly, equipment such as a Gravity Separator can help separate materials according to their density.

For seed grading applications, an Indented Cylinder Grader can separate seeds according to length and shape. These machines can work together as part of a complete seed processing solution.

We also design complete plants according to product type, production capacity, and customer requirements.

We manufacture machines of all capacities.
We design plants of all capacities.



An oil expeller is a machine used to extract oil from seeds, nuts, or other oil-bearing materials. It works by applying mechanical pressure to the raw material, forcing the oil out while leaving behind the solid residue (cake). This process is often referred to as cold pressing or mechanical pressing. Oil expellers are widely used in the food industry to produce edible oils from crops like sunflower, soybean, and mustard, providing an efficient and cost-effective method of oil extraction.

**We Manufacture Machines of all capacities.
We design plants of all capacities.**

Oil Expeller	Capacity	Expeller Motor	Filter Press	Filter Press Motor
4 Bolt (Single Gear) 15x3.5	125 KG/HR	5 HP (960RPM)	6x6 Plates	1 HP
6 Bolt (Single Gear) 20x3.5	45 KG/HR	5 HP (960RPM)	6x6 Plates	1 HP
24x4	80 KG/HR	10 HP (960RPM)	12x12 Plates	2 HP
9 Bolt (Single Gear) 27x4.5	110 KG/HR	15 HP (960RPM)	14x14 Plates	2 HP
9 Bolt (Double Gear) 27x4.5	125 KG/HR	15 HP (960RPM)	14x14 Plates	2 HP
27x5	150 KG/HR	15 HP (960RPM)	14x14 Plates	2 HP
30x5	180 KG/HR	20 HP (960RPM)	14x14 Plates	2 HP
30x5.5	200 KG/HR	25 HP (960RPM)	18x18 Plates	2 HP
33x5.5	220 KG/HR	25 HP (960RPM)	18x18 Plates	3 HP
33x6			24x24 Plates	3 HP
36x6.5				
12 Bolt (Double Gear) 44x6	700 KG/HR	40 HP (960RPM)	24x24 Plates	3 HP



A waste shredder is a machine used to break down and reduce the size of various types of waste materials, such as plastic, metal, wood, or organic matter. It works by using rotating blades or drums to cut, tear, or crush the waste into smaller pieces, making it easier to handle, transport, or recycle. Waste shredders are commonly used in industries like recycling, waste management, and agriculture to efficiently process and dispose of waste.

We Manufacture Machines of all capacities.
We design plants of all capacities.



A vegetable grading machine is a device used to sort vegetables based on size, shape, color, or weight. This process helps ensure uniformity and quality for packaging and distribution. The machine typically uses a combination of conveyor belts, sensors, and mechanical or automated sorting systems to classify the vegetables into different grades. The grading process can be done based on predefined standards, such as size categories (small, medium, large), quality levels (premium, standard), or ripeness. These machines are widely used in the agriculture and food processing industries to streamline operations and improve efficiency.

**We Manufacture Machines of all capacities.
We design plants of all capacities.**



A fruit grading machine is an automated system used to sort and classify fruits based on size, weight, color, ripeness, and quality. It typically uses sensors, cameras, and mechanical systems to inspect and grade fruits quickly and efficiently. This process helps ensure that only fruits of the desired quality and size reach the market, improving consistency and reducing manual labor. Fruit grading machines are commonly used in large-scale fruit processing and packaging facilities to streamline operations and improve productivity.

We Manufacture Machines of all capacities.
We design plants of all capacities.



A seed treatment machine is a piece of agricultural equipment used to apply various treatments to seeds before planting. These treatments can include pesticides, fungicides, herbicides, growth stimulants, or nutrients. The machine typically coats the seeds uniformly to protect them from pests, diseases, and environmental stress, ensuring better germination and crop yield. Seed treatment machines vary in design and capacity, ranging from small-scale machines for individual farms to larger, industrial-scale models for commercial operations.

**We Manufacture Machines of all capacities.
We design plants of all capacities.**



Chute	Capacity	Compressor Power (HP)	Channel	Power	Came ras	Weight (kg)	Dimension (LxWxH)m m	No. of Ejectors	Dimensions of Structure (LxWxH) Feet
1	1 TPH	5 HP	63	3 KW	2	400	1030x1600x 1950	63	4x3x6
2	1-2 TPH	10 HP	126	3 KW	4	615	1330x1660x 2185	126	4x4x6
3	2 TPH	15 HP	189	5 KW	6	763	1645x1660x 2185	189	6x6x6
4	2-2.5 TPH	20 HP	252	5 KW	8	915	2025x1660x 2185	252	10x10x6
5	3 TPH	25/30 HP	315	5 KW	10	1250	2355x1660x 2185	315	12x10x6
6	3.5 TPH	30 HP	378	7.5 KW	12	1450	2670x1660x 2185	378	12x10x6
7	4 TPH	40 HP	441	K7.5 KW	14	1650	2985x1660x 2185	441	14x12x6
8	4.5 TPH	40 HP	504	10 KW	16	1850	3300x1660x 2185	504	14x12x7
9	5-6 TPH	50 HP	630	10 KW	20	2200	4500x1700x 2040	630	15x12x8

Crops (e.g. rice, wheat, lentils) are fed into the machine using vibratory feeders or gravity chutes.

The flow of material is spread into a thin stream.

Imaging & Detection:

High-resolution CCD or NIR cameras scan each grain.

The system compares the color, shape, or surface defects with a preset standard.

Can detect foreign materials, discolored grains, moldy or immature ones.

Processing & Decision Making:

An onboard computer processes the image in real time using AI or pattern recognition algorithms.

Ejection Mechanism:

When a defect is detected, a burst of compressed air ejects the defective grain into a reject bin.

Good product continues into the accepted path.

Benefits of Using Colour Sorting Machines:

- Improves product quality and market value
- Reduces labor cost compared to manual sorting
- Increases processing speed and efficiency
- Can be integrated into automated grain processing lines

ZENITH ENGINEERING AND WORKS

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