

MIXTEC

FOR MIXING TECHNOLOGY

MIXTEC S.A. (Pty) Ltd
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NAME : Ronald Toledo
CLIENT : TRINITY METALS
EMAIL : ronald.toledo@trinity-metals.com
RE : LIME TANK AGITATOR

MIXTEC REF : 25S6307
CLIENT REF : EMAILED
PHONE NO : 00250-791-345-778
DATE : 2025/03/25

We thank you for your valued enquiry. We are pleased to offer agitators as specified below.

The equipment from the Mixtec's range of mixers is specifically designed for fluid mixing applications and represents an integrated design where the gearbox (if applicable), shaft and impeller systems are designed in accordance with the customer's/clients specifications to provide an enduring trouble free operation.

The units have been designed to mount onto support beams or flange nozzle as indicated on the general arrangement drawings. It is of utmost importance to have your structural design department evaluate / design a structure in accordance with these design loads, indicated on the general arrangement drawing.

Should drastic changes in the mounting height take place, this may result in the complete redesign of the agitator drive assembly.

Basis of Design:

We understand that the tank will have a diameter of 1.6 and a height of 1.63 with a specific gravity of 1.2 and a viscosity of 1 mPa.s

We have carefully considered this mixing application and recommend the following mixer for the duty specified.

The unit recommended is the Mixtec Model 1027 which will be powered by a 0.55 kW motor operating at a final output speed of 141.2 rpm.

All wetted parts will be 316 S.S.

All Mixtec applications are computer designed to ensure the mechanical stability and reliability of the equipment offered. The bending, torsional and axial loads have been calculated and can be found on the attached General Arrangement drawing 25S6307/01

It should be noted that these loads are suitable for the design of the mixer support structure and are not the actual mixing loads.

Price - Item 1:

Mixtec Series model 1027 complete with, 0.55 kW motor, coupling, shaft and impeller system, mounting arrangement as per GA drawing no. 25S6307/01

| | | |
|-------------|---|------------------|
| Price Each | R | 25 062.00 |
| No Off | | 2 |
| Total Price | R | <u>50 124.00</u> |

All Prices are in R (ZAR), delivery Ex works Johannesburg .

Additional transport requirements, unless otherwise agreed to, will be treated as a separate order.

DIRECTORS: T.J. CLAMP*, J. CLAMP* *(British)
ALT DIRECTORS: J. LYNDON



TERMS AND CONDITIONS

Terms of Payment

Account Holders:

All invoices must be paid within thirty (30) days from the invoice date. Order values exceeding R 2 000 000.00 (ZAR):

- 20% on the acceptance of the order.
- 40% on confirmation of Mixtec's placement of purchase order to suppliers.
- 40% payment on notification of completion at Mixtec Works.

Non-Account Holders:

- 100% Payment will be required on acceptance of the order.
- Please note that the quoted delivery period will only begin following receipt of this payment.

Exclusions

Please note that our prices do not include the following items:

- Dynamic balancing
- 3D Drawings
- CFD Modelling
- Noise Level Testing on Agitators
- Vibration Testing
- Off-loading at site
- Installation at site
- Penalties of any nature
- Electrical power feed and switchgear
- Crane to offload and install equipment

Price Variation

The prices quoted are fixed and firm for the validity period.

Validity

Our quotation holds good for an acceptance period of 30 days from the date hereof unless, the cost of components and/or materials results in an increase of more than 5%. We then reserve the right to revalidate our quotation at the date of order placement.

Lead Time

The prices given are delivery Ex works Johannesburg. We anticipate a fabrication period of 5-6 weeks from date of receipt of official order, payment or final approved drawings whichever is applicable. Please note the delivery quoted does not include the December shutdown period.

Order Cancellation

If you cancel all or any part of a Purchase Order for any reason (other than a breach by us) you must pay to us:

- Where you provide us notice in the cancellation in writing before we start to manufacture any goods or order any goods or parts from a supplier, or provide any services, a fee equal to 30% of the purchase order.
- Where you provide us notice of the cancellation in writing after we start to manufacture any goods or order any parts from a supplier, or provide any services:
 - 30% of the purchase order; and
 - All costs reasonably incurred for work completed prior to cancellation including the cost of any goods or parts from a supplier.
- Where you provide us notice of the cancellation after goods have been manufactured or delivered, the full amount of the purchase order; and
- In all other circumstances all costs reasonably incurred and for work completed prior to the cancellation.

Maintenance Instructions and Recommended Spares

Our price includes for 1 set of our standard maintenance instructions and recommended spare parts lists, together with general arrangement drawings giving full technical details of the equipment offered.

Packaging

Mixtec's standard for packaging tangible products shall be securely and properly packed for shipment and storage and clearly labelled on wooden pallets or saddles. Any additional packaging required that is not within our standards will be for the client's account.

Claims

Claims for shortage in delivery or damage in transit cannot be entertained unless we are immediately advised on receipt of goods. Mixtec policy is Ex-works delivery and inspection, if required by customer, should be done prior to transporting. Where lining is concerned, Mixtec cannot be held liable for lining damage during transport. Protection of rubber lined components from the elements especially UV exposure is the customer's responsibility after delivery.

Materials of Construction

Mixtec agitators are manufactured from materials which in our opinion, are most suitable for the purpose intended. Since Mixtec has no control over the conditions of use, there is an obligation on the part of the user to check that the material selection is suitable for the installation specified and to use all necessary care and precautions in operation.

Mechanical Guarantee

The units are fully mechanically guaranteed for a period of one year from date of commissioning or 18 months from date of delivery, whichever is the first to apply. This guarantee covers faulty mechanical design, material and workmanship.

Process Guarantee

The units recommended, which are based on the data given in your enquiry, will meet or surpass the requirements detailed. Should the units recommended fail to meet or surpass the requirements, as expected, the company will modify or replace or take the unit back and issue a full credit, subject to the company's expert insight and recommendation into the non-performance. Under the terms of this guarantee, we are not responsible for any indirect or consequential damages whatsoever; our liability being expressly limited to the equipment we have supplied.

As based on our specified parameters as indicated in this quotation.

Confidentiality

The purchaser shall not use or communicate to others information, derived in writing or orally from us except for the operation, maintenance or improvement of the goods and shall not use the same for duplication of the goods, nor for a period of FIVE (5) years from the date of acceptance of our quotation, for any extension to the goods, nor for the duplication of any part of the goods except with our consent in writing. Obligations under this clause shall continue after the termination of the contract.

Test, Inspections and Performance

All the goods are subject to pre-inspections and standard quality testing at our company's works, prior to delivery/dispatching. Should the client/ customers request additional testing on the goods which does not form part of the company's standard testing, the costs incurred will be for the client's/ customers account, unless prior approval was given by the company, or the quotation/ price specifically made mention of the additional testing.

Drawings

1. All drawings, descriptive matter, dimensions, and shipping specifications contained in our catalogue, pamphlet's, prices list, and other advertising matter are approximate and by way of identification only.
2. The company, if necessary, will supply certified outline drawings but not copies of detailed drawings relating to the goods, after confirmation of the tender.
3. Drawings submitted for approval to the customer shall remain the property of Mixtec shall be treated as strictly confidential, and the customer without prior written consent of the company shall, not divulge the information contained therein, to third parties.
4. All drawings shall be returned to Mixtec immediately upon request.
5. All drawings etc. referred to in ONE (1) above are supplied merely as a guide and shall not be binding in the event of this tender being confirmed by Mixtec.

Conditions of Sale

As per our standard Terms and Conditions of Sale. The Mixtec Terms and Conditions of Sale are available on request, or can be viewed on the website by clicking on the path link below:

https://mixtec.com/uploads/MIXTEC_SA_PTY_LTD_Conditions_of_Sale.pdf

POPI / PAIA

Mixtec complies to both the PROTECTION OF PERSONAL INFORMATION ACT (POPI) as well as the PROMOTION OF ACCESS TO INFORMATION ACT (PAIA). Both Mixtec's POPI and PAIA manuals are available on request.

It has been a pleasure to prepare this quotation for you and trust that we have interpreted your requirements correctly.

Should you require any further discussion or information please do not hesitate to contact us.

You're continued interest in our products and services is appreciated, and we await advice of your valued instructions to proceed with supply.

Yours faithfully

Thaun Heyns
Sales Manager
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