



TRIMAX CENTURY

**SPECIALIZE IN
FLUID AGITATION**



TRIMAX CENTURY

Trimax Century Sdn Bhd was established in 2004 which driven to fulfill the need for the fluids technologies in today's vast industries.

We are success lies in commitment in consistently to deliver our quality products & services. Currently Trimax Century Sdn Bhd is a sole distributor for:

- Neutrone Mixers
- ASP Centrifugal /Stainless Steel Pumps

Trimax Century will continue to provide excellent customer service & commitment to our customers on high expectation on quality, cost & performance. Our continuing effort to support our customer will ensures that Trimax Century Sdn Bhd grows from strength to strength.

Line of Business:

Leader of the world's most advance technologies for M&E Equipments,

- Neutrone Mixers: Mixing Technologies
- ASP Centrifugal /Stainless Steel Pumps: Pumping Technologies

Mixing /Pumping Technologies

- Where are presence in the major segment of waste & water treatment plant, STP, paint, chemical, petrochemical, food, pharmachemiocal, oil & gas industries, etc.



Neutrone Mixers

Neutrone supplies the most advanced and comprehensive fluid mixing technology in the world of agitation/mixing industries. Its ability to solve mixing problems with the latest technology and expertise is solely due to its commitment to use state of the art computer software, modeling programs with chemical & mechanical engineering resources, mixing research and development.

- Efficient and robust mixers for all industries
- Latest impeller designs for the best process performance
- Innovative research and design to select our mixers to your requirements

Neutrone Warranty

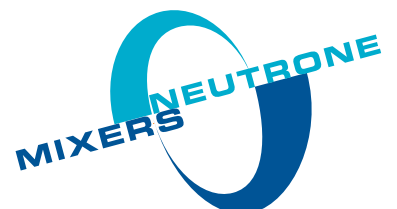
Neutrone warrants its mixers will perform the process function, provided the customer submitted accurate and pertinent data or related information for the design and selection. Neutrone also warrants all its mixers to be free of defect material or workmanship under proper condition and use. However, materials are not guaranteed against chemical attack or reactions. Any defective part shall be replaced or repaired, at our option at no charge, F.O.B our plant.

Neutrone warranty which is made in lieu of any and all implied or express warranties. Neutrone warrants products marketed by us to be free from defects in material and workmanship for a period of one year from the shipment from our warehouse. Neutrone's liability under this warranty or in connection with any other claim relating to our products is limited to the repair, or at our option, the replacement or refund of the purchase price, of any products or parts or components which are returned to Neutrone freight prepaid and which are found defective in material or workmanship. Products or parts or components thereof, which are repaired or replaced by Neutrone, will be returned to our customer freight collect.

Motor – Standard Induction Motor for energy saving motor, available in 415V/3Ph/50Hz or 60Hz. Hazardous conditions application motor are available upon request to meet the operating environment, e.g. Ex'd/Ex'de/Ex'e/Ex'n.

Drive – Drive are ideally to be constructed to meet our criteria; robust gear and reinforced bearing.

Wetted Parts – Shaft/Impeller
Mild Steel/Carbon Steel/SS304 or SS304L/SS316 or SS316L.
Others exotic materials available upon request
Coating
Rubber/Teflon/FRP to against chemical attack.



N1~N5 Series Model Portable Mixers

Neutrone's portable mixers are designed ideally for the agitation of small batches of light and medium from high flow to high shear for batch or continuous process. Neutrone's N1 & N3 mixers series are equipped with direct drive while N2 & N5 mixers series equipped with gear reduction which able to provide reliable performance in agitation applications at an economical price, low operating cost effective and long life operation.

Features of Neutrone's N1, N2, N3 & N5 series;

- Neutrone's High Efficiency Impeller, NE-3
- All wetted parts in SS316. Other materials available upon request
- Helical gear for long life, quiet and efficient operation (for N2 & N5 series)
- Standard Motor from 0.18kW to 5.5kW
- Rigid coupling to provide stability for long shaft (applicable on N5 series)
- Bearing service rated over 100,000 hrs L-10 life
- Single or double mechanical seal, lip seal & stuffing box also available.



**N2 Series -
Neutrone N2J Series**



**N5 Series -
Neutrone N5A Series**



**N5A Series -
Neutrone's Flat
Plate Mount**

NP Series Model Heavy Duty Mixers

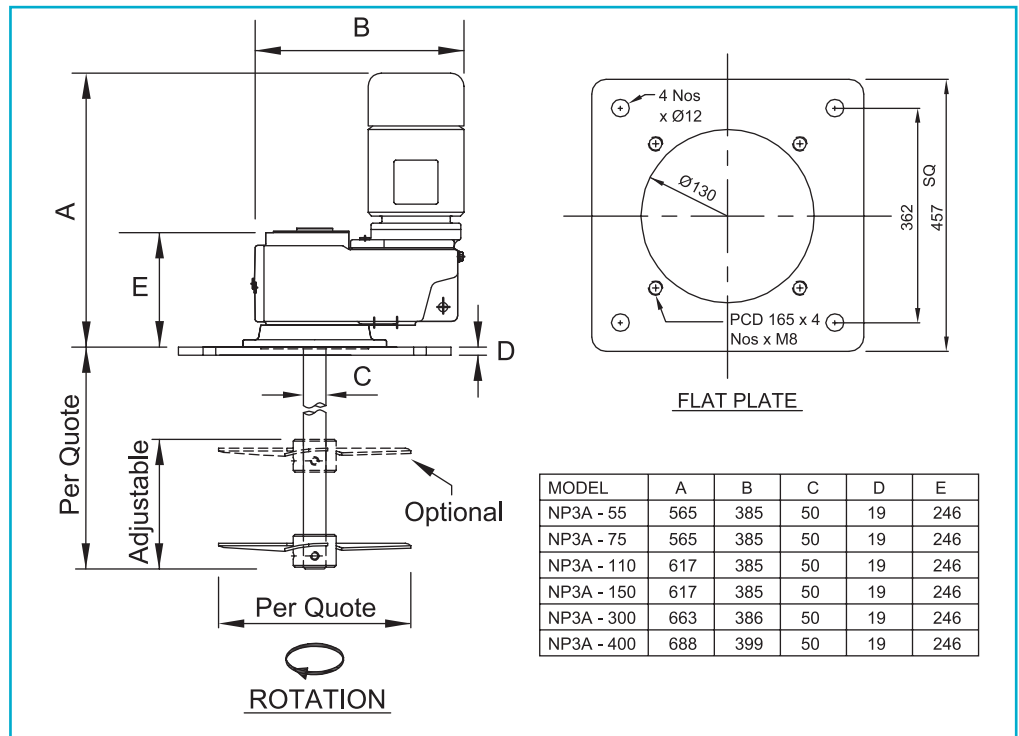
The NP mixers series has been ideally designed for use of throughout all process industries such as chemical, waste & water treatment, pulp and paper, edible oil and oleo-chemical process plant. It capable of suits a wide range of applications including high viscosity blending and reactor process. The NP series provide excellent performance of mixing with easy to install, low maintenance and operating cost.

Features of Neutrone's NP series;

- Power Rating from 0.25kW to 30kW
- Double or triple reduction helical system
- Large diameter output bearings provide long bearing life
- Mixer shaft mounted in the hollow shaft of the transmission
- Low maintenance and proven field performance and reliability
- Available in several of mounting, flat plate, ANSI or DIN mounting flange c/w pedestal to accommodate from lip seals to double mechanical seals.



NP Series Mixer



MODEL	A	B	C	D	E
NP3A - 55	565	385	50	19	246
NP3A - 75	565	385	50	19	246
NP3A - 110	617	385	50	19	246
NP3A - 150	617	385	50	19	246
NP3A - 300	663	386	50	19	246
NP3A - 400	688	399	50	19	246

NP3A Series GA Drawing

N5SE Series Model Side Entry Mixer

Available in Gear Driven Models from 1.5kW up to 5.5kW c/w shut off device

Side-entering mixers work efficiently where a tank is too large for convenient installation of a top-entering mixer, or where headroom is severely limited. Side Entry mixers are less expensive than top entry mixers in large tank installations because the long shafts required by extremely tall tanks are eliminated.

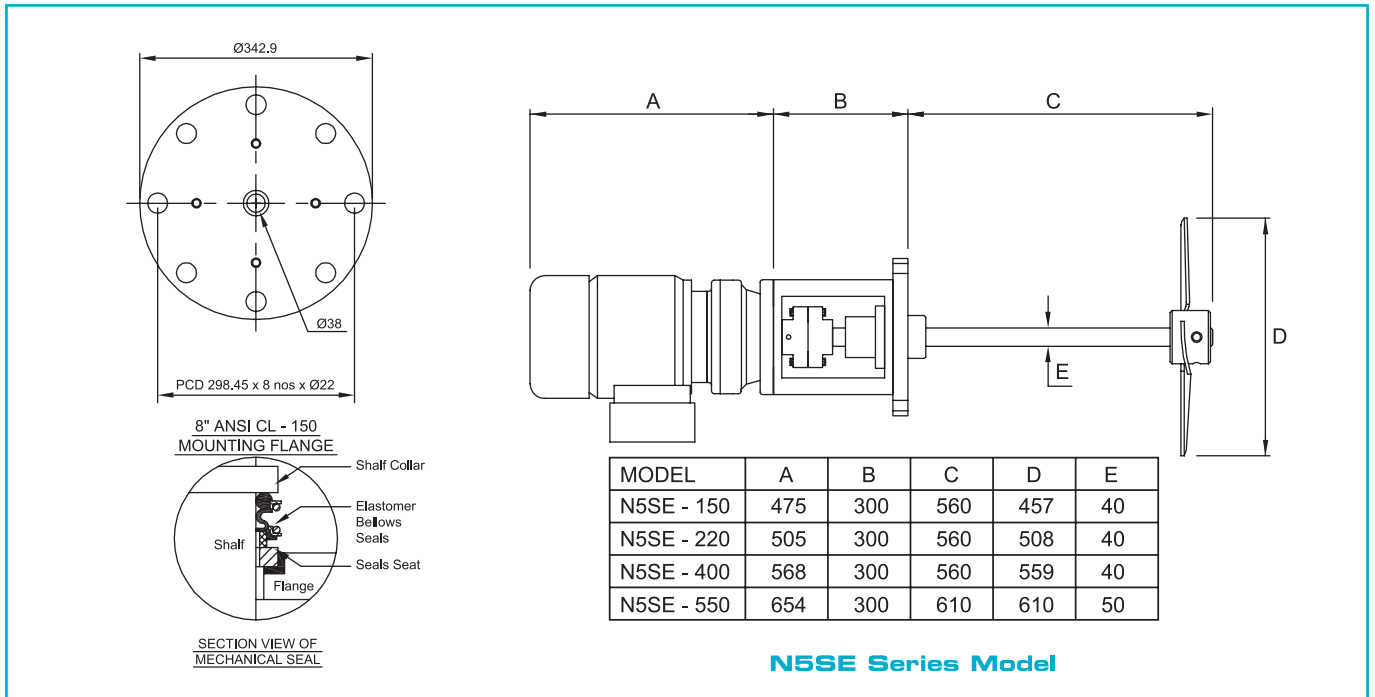
In the case of very large tanks, several smaller side entry mixers may be more efficient and economical than a single, larger unit.

Used effectively where:

- Head room constraints prevent the use of top entry units
- Mixing is required only in the bottom portion of a deep tank
- Large diameter storage tanks
- Low viscosity blending is required
- Low capital equipment cost is a governing criteria
- High efficiency NE-3 hydrofoil impeller for maximum flow with minimal power consumption.



N5SE Series Model



N5SE Series Model

Static Mixers

Neutrone In-Line Static Mixer features custom designs in a wide variety of materials and diameters ranging from 1/2" to 72" complete with advanced design elements (fixed & removable) which produces a unique radial mixing and flow division for any combination of liquid and solid mixing.

Static Mixer Applications

- Chemical blending
- Water treatment
- Crude oil blending
- Custody transfer
- pH control



NMS Series



Helical Elements C/W Retaining Ring

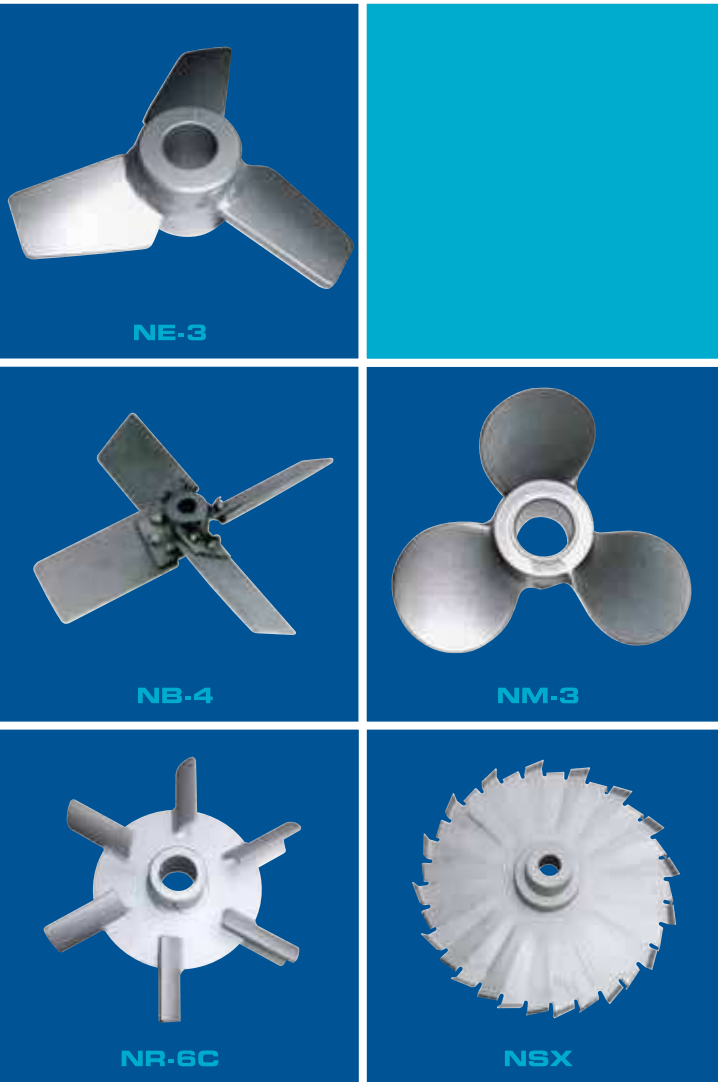
Impeller Technologies

The key to Neutrone's efficient mixing performance is the impeller. For each application there is an ideal impeller. Therefore, below are the some of the Neutrone's modern range of impeller which

- improves mixing process performance
- generates lower capital and operating costs

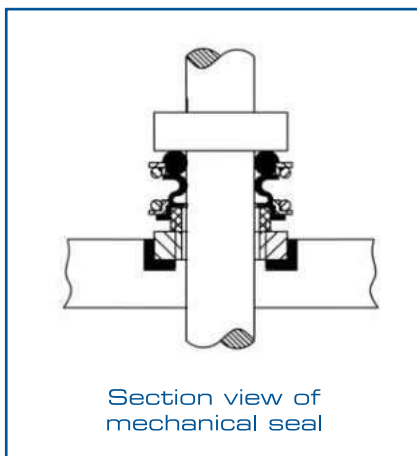
Impellers in the range include:

- NE-3 - High Efficiency Impeller, which generates high flow efficiency with lower power consumption compared to others axial flow impeller.
- NB-4 - Traditional impeller for larger volume applications, ex: for solid/liquid drawing process applications.
- NM-3 - Advanced Marine propeller for liquid-liquid mixing process application.
- NR-6C - Rushton turbine is the traditional impeller for liquid-gas dispersion process application.
- NSX - Generates high flow for high shear process application and many more.

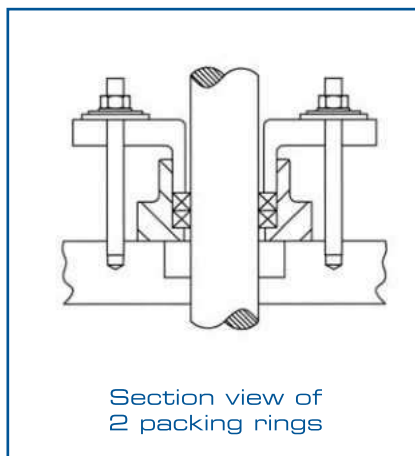


Seal Options

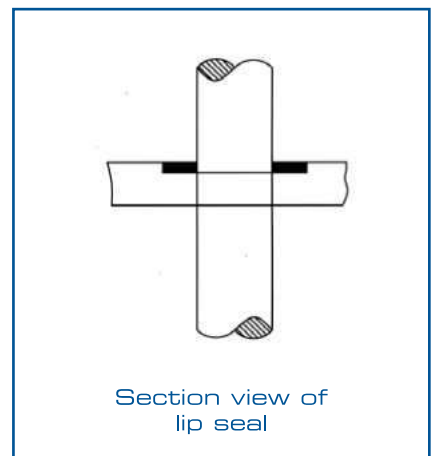
Neutrone offers the comprehensive range of tank sealing options, from simple lip seals to single and double mechanical seals.



Neutrone standard mechanical Seal units can handle up to 20 bar when lubricated. It also has dry-running capability.



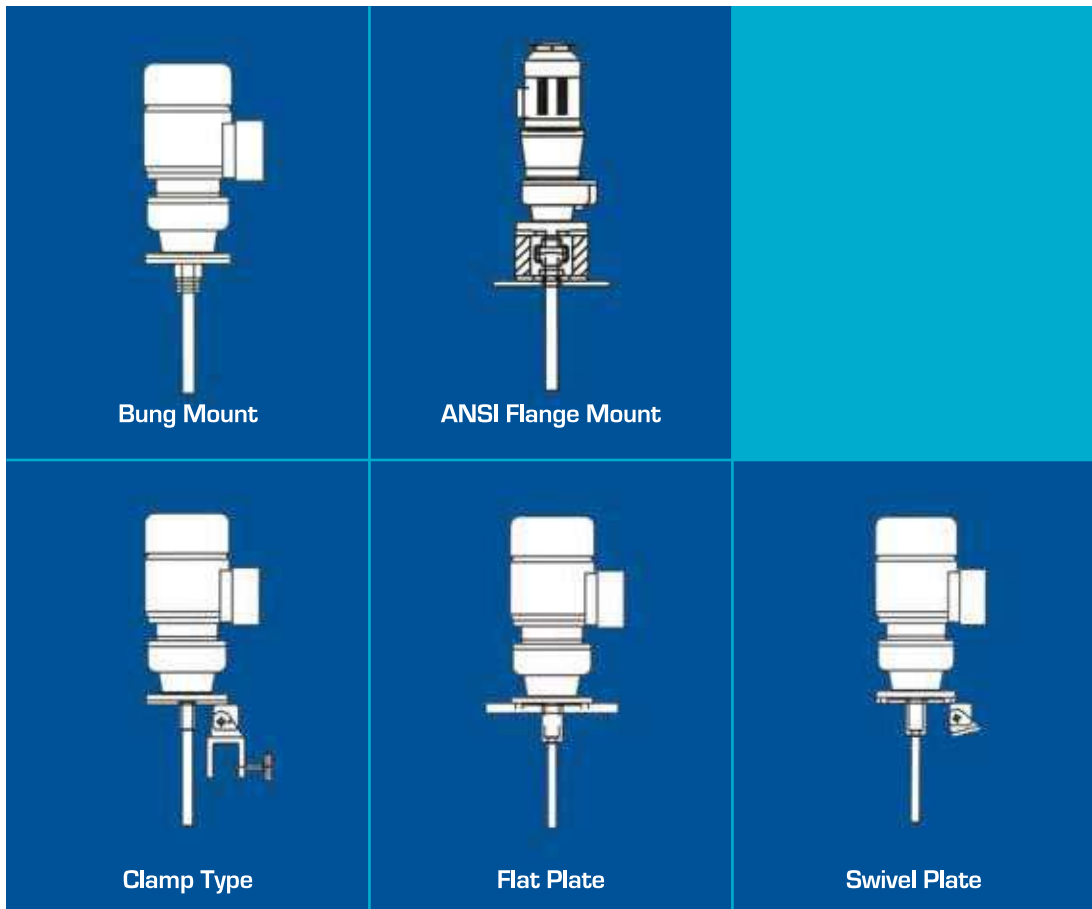
The stuffing box is designed for pressure up to 10 bar. Choice of with 2 or 6 packing rings to provide reliable, lubrication-free sealing.



The lip seal protects fluids from foreign particles at atmospheric pressure.

Mounting

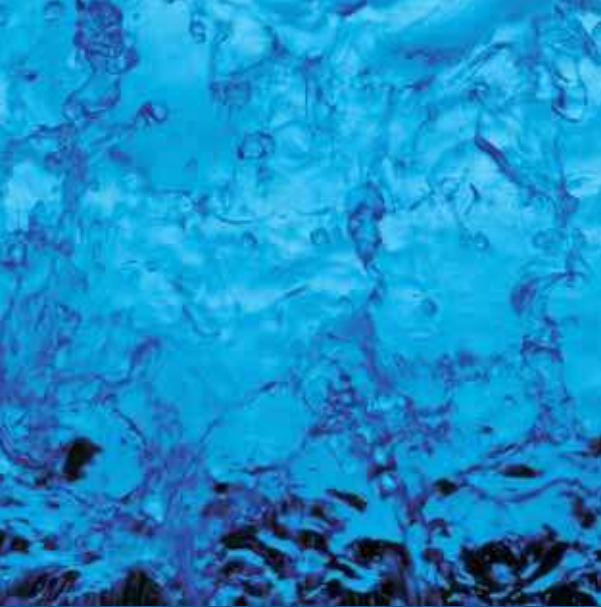
Neutrone offers comprehensive range of mixer mounting. Below are example of various mixer mounting available



Technical Information on Neutrone's Portable Mixer

# Portable Fixed Mount Mixers	
N1	Size 1, economy direct-drive mixer
N2	Size 2, economy gear-drive mixer
N3	Size 3, heavy duty direct drive portable mixer
N5	Size 5, heavy duty gear drive portable mixer

ii) Mounting Configuration Classification	
A	Rigid Mount, Flat Plate
J	Clamp Mount/Swivel Mount for portable mixer
H	Bung Mount (2" NPT) for 50 gallon drum (applicable to N1 & N2 series)
D	Single Mechanical Seal with ANSI Mounting Flange for closed/ pressurize tank
DS	Double Mechanical Seal with ANSI Mounting Flange for closed/ pressurize tank
E	Lip Seal with ANSI Mounting Flange for closed tank
HB	High Pressure Stuffing Box (5 packing rings) with ANSI Mounting Flange for Closed Tank



 Your Distributor