


Roto[®]
pumps
 since 1968 



innovative
 efficient
reliable
 efficient
 reliable
 innovative
reliable
 innovative
 reliable
 efficient
 innovative
 reliable
 innovative
reliable
 innovative
 reliable
 innovative
 reliable
 innovative

pumping solutions for the
oil & gas industry

GROWTH STORY



Founded by Mr. Ram Ratan
Gupta - Roto Progressive
Cavity Pumps



1968

Introduced Twin Screw
Pumps in Technical
Collaboration with Stothert
& Pitt, UK



1980

1976



Launched our 2nd
Generation Progressive
Cavity Pumps

1988



Established 100%
Export Oriented Unit in
Noida, India

GROWTH STORY



Successful IPO –
Listed in Bombay Stock
Exchange



1993

Launched 3rd
Generation Extra Value
Cardan Joint Pump



1998

1997



Established Captive
Research & Development
Centre at Noida, India

Commenced 2nd
Overseas Establishment
in U.K



2004

2000



Started 1st Overseas
Establishment
in Australia

GROWTH STORY



Penetrated in
International Oil & Gas
Sector



2008

Established new
Manufacturing Plant
at Greater Noida, India



2014

2011



Entered in
Commercial Marine &
Defense Sector

2015



Established 1st
Overseas Subsidiary
Company in USA

GROWTH STORY



Established 2nd
Overseas Subsidiary
Company in South Africa



2016

Got Recognition for
Roto R&D Centre from Govt.
of India



2018

Established 4th
Overseas Subsidiary
Company in Malaysia



2020

2017



Successfully Launched
Range of Gear Pumps & Air-
Operated Diaphragm Pumps

2019



Established 3rd
Overseas Subsidiary
Company in Germany

GLOBAL PRESENCE



United State of America



Global HQ, India



Malaysia



United Kingdom



Australia



Germany



South Africa

PRESTIGIOUS CLIENTS



شركة تنمية نفط عُمان
Petroleum Development Oman



قطر للبترول
Qatar Petroleum



أدنوك
ADNOC

JACOBS™



ExxonMobil

PRESTIGIOUS CLIENTS



PETRONAS



PDVSA



GNPOC

Schlumberger

Oiltanking

PRESTIGIOUS CLIENTS



PROGRESSIVE CAVITY PUMPS

pioneering solutions that deliver success

progressive cavity pumps

Distinctive design features & Benefits

Positive displacement: head developed is independent of speed and capacity is approximately proportional to speed

Self priming: can work on gaseous liquids & do not require a foot valve

High suction lift capabilities: of upto 9.5 mwc and effective even in high vacuum conditions

NON-CLOGGING: can handle high percentage of solids in suspension

Low NPSHR ensures smooth operation: with high vapor pressure liquids

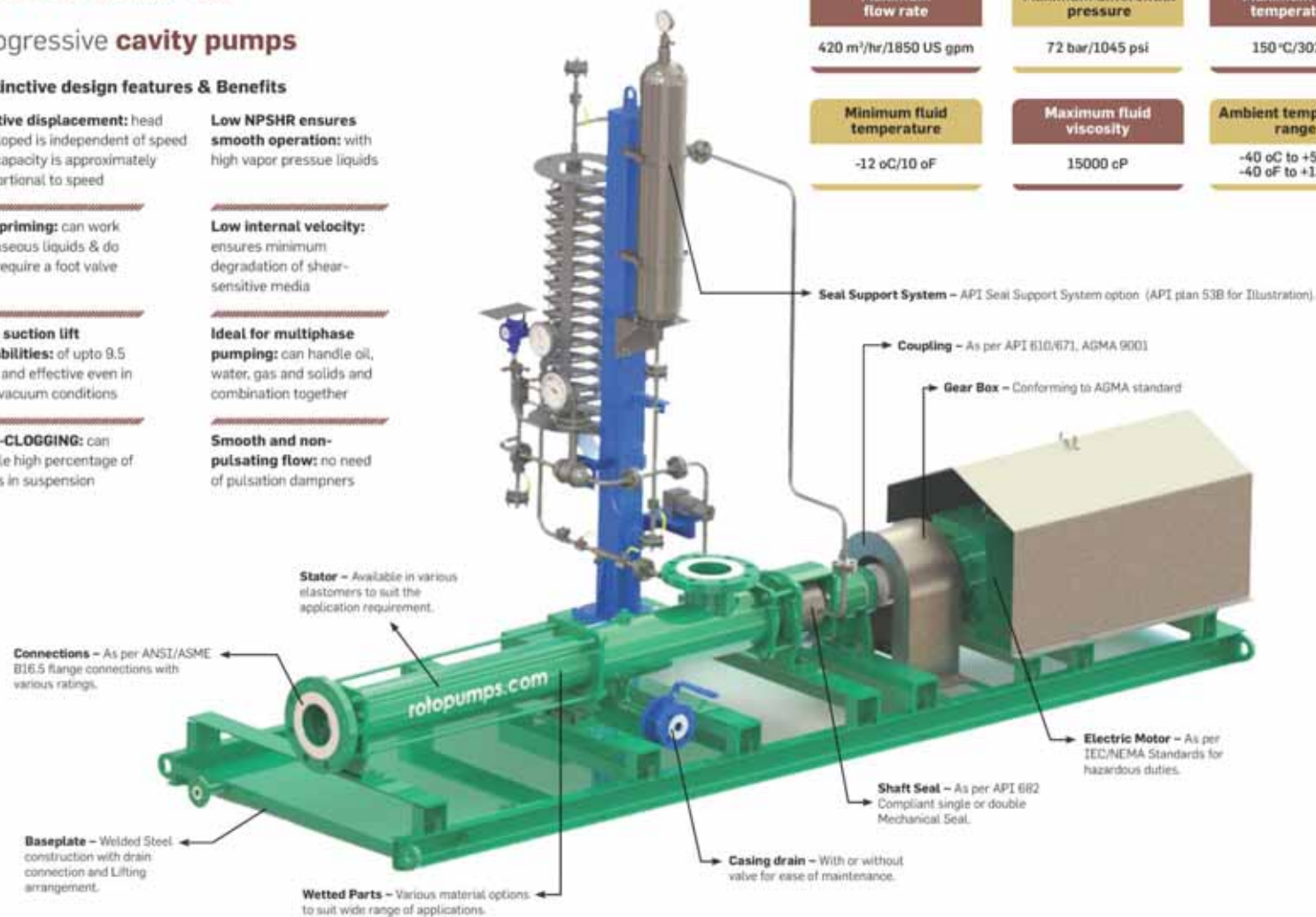
Low internal velocity: ensures minimum degradation of shear-sensitive media

Ideal for multiphase pumping: can handle oil, water, gas and solids and combination together

Smooth and non-pulsating flow: no need of pulsation dampers

performance summary

Maximum flow rate	Maximum differential pressure	Maximum fluid temperature
420 m ³ /hr/1850 US gpm	72 bar/1045 psi	150 °C/302 °F
Minimum fluid temperature	Maximum fluid viscosity	Ambient temperature range
-12 °C/10 °F	15000 cP	-40 °C to +55 °C/ -40 °F to +130 °F



TWIN SCREW PUMPS

delivering high performance and results

twin screw pumps

Distinctive design features & Benefits

Long and trouble-free Service life

No axial Thrust

Higher volumetric Efficiency

Higher cavitation free suction lift

Self-priming and capable of handling entrapped air/vapour/gas

Uniform metered flow

Capable of handling wide variety of fluids

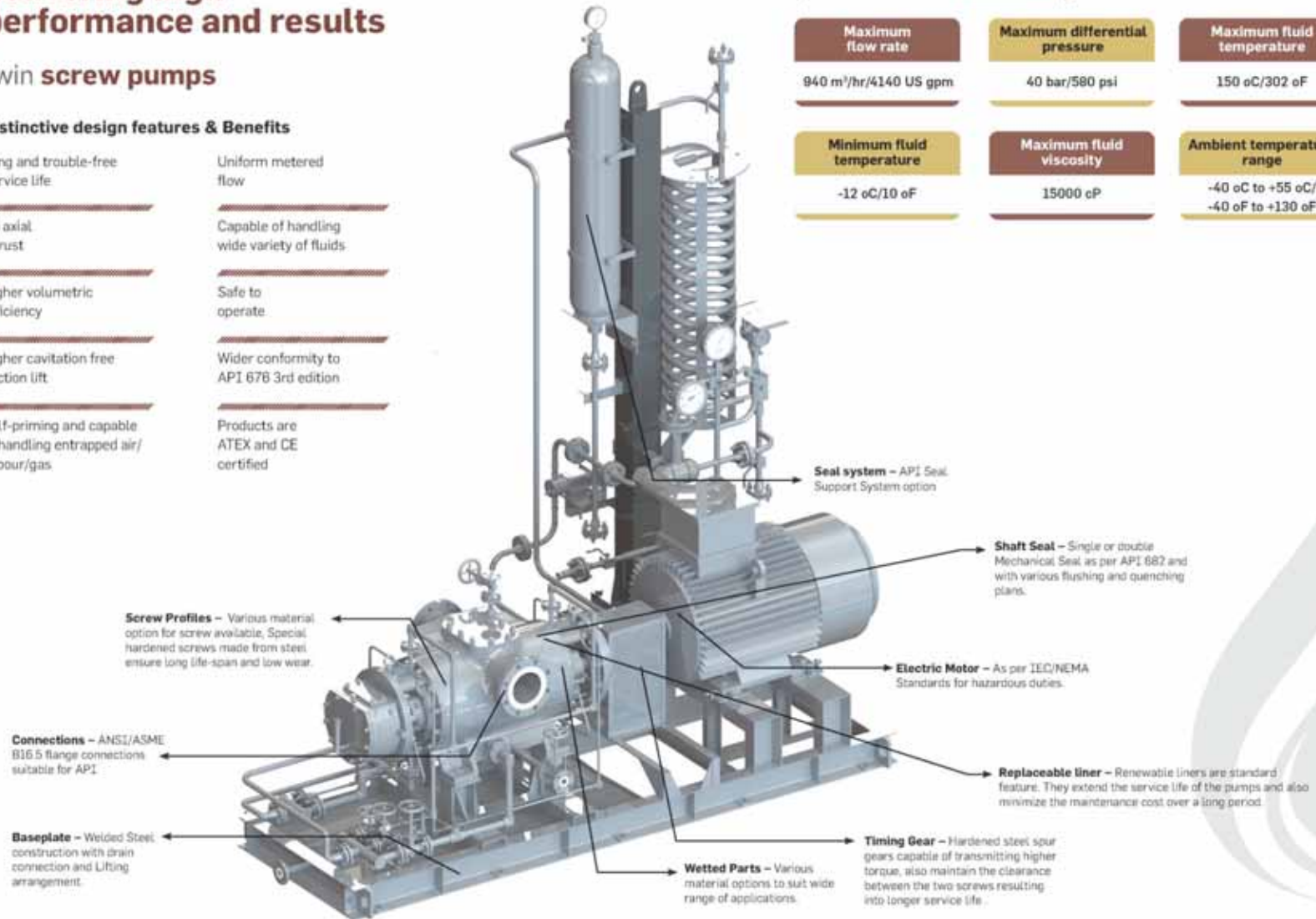
Safe to operate

Wider conformity to API 678 3rd edition

Products are ATEX and CE certified

performance summary

Maximum flow rate	Maximum differential pressure	Maximum fluid temperature
940 m ³ /hr/4140 US gpm	40 bar/580 psi	150 oC/302 oF
Minimum fluid temperature	Maximum fluid viscosity	Ambient temperature range
-12 oC/10 oF	15000 cP	-40 oC to +55 oC/ -40 oF to +130 oF



INSTALLATIONS



PDO- Ghaba North

Fluid: Oily Water

Model: VMAB 662

Flow Rate: 185 GPM

Pressure: 65 PSI

INSTALLATIONS



Fluid: Oil & Condensate Water

Pump: VMCA 671

Flow: 375 GPM

Pressure: 87 PSI

Cairn India - Rajasthan

INSTALLATIONS



Petrogas - Oman

Fluid: Crude Oil

Model: RSD 06

Flow Rate: 242 GPM

Pressure: 232 PSI

INSTALLATIONS



Cairn - India

Fluid: Crude Oil

Model: RSD06

Flow Rate: 440 GPM

Pressure: 435 PSI

INSTALLATIONS



Sohar Port - Oman

Fluid: Oily Sludge

Model: VMCA662

Flow Rate: 220 GPM

Pressure: 145 PSI

INSTALLATIONS



ONGC - India

Fluid: Well Water & Natural Gas

Model: REB07

Flow Rate: 272 GPM

Pressure: 116 PSI

INSTALLATIONS



Sohar Port - Oman

Fluid: Oily Water

Model: RMAA751

Flow Rate: 990 GPM

Pressure: 87 PSI

INSTALLATIONS



ONGC Offshore- India

Fluid: Oily Water

Model: VED 04

Flow Rate: 277 GPM

Pressure: 116 PSI

INSTALLATIONS



Subsea Pumping

Fluid: Crude Oil

Model: RMAA621

Flow Rate: 75 GPM

Pressure: 87 PSI

INSTALLATIONS



Cairn - India

Fluid: Produced Water

Model: RLAB751

Flow Rate: 1360 GPM

Pressure: 43.5 PSI

INSTALLATIONS



Cairn - India

Fluid: Oily Water

Model: VLCA671

Flow Rate: 185 GPM

Pressure: 87 PSI

*Thank
you*

