PNEUMATIC YARN CUTTER & SCISSOR



CB29 CE41 CC32 CX10

• OPERATING PRESSURE: 4 - 8 bar • YARN SIZE: 1600 / 3200 / 10000 dtex

MOBILE YARN SUCTION UNITS FOR BOBBIN / CREEL STRIPPING

PAWAN A120T TIMER BASE SUCTION UNIT
This devices used for bobbin yarn stripping or creel stripping by simultaneous suction of multiple ends. Timer can be set to stop air supply after pre set duration.

OPERATING PRESSURE: 4 - 6 bar
ELECTRICAL SUPPLY - 24 V DC

A120T



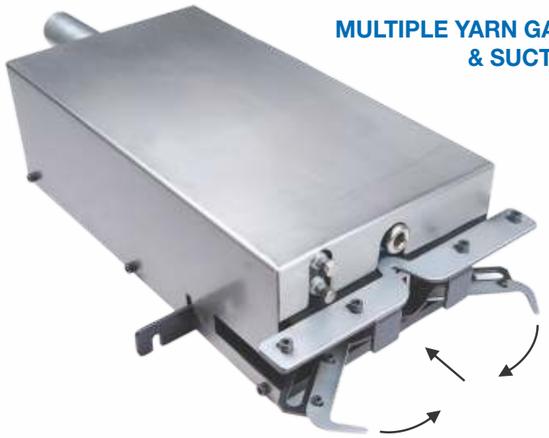


A140S

PAWAN A140S SENSOR BASE SUCTION UNIT
The yarn sensor inside the unit will stop air supply when yarn is absent i.e. all bobbins are stripped.
Operator need not wait to switch off air supply till stripping operation is over.

OPERATING PRESSURE: 4 - 6 bar
ELECTRICAL SUPPLY - 24 V DC

MULTIPLE YARN GATHERING + CUTTING & SUCTION UNIT



SLIDING GATHRARER



PIVOTED GATHRARER

YARN SPREAD – UPTO 200 mm
YARN SIZE – UPTO 30000 dtex
OPERATING PRESSURE: 4 - 6 bar
ELECTRICAL SUPPLY- 24 V DC

TAYLOR MADE UNITS TO SUIT CUSTOMER SPECIFICATIONS

Registered Office & Works
Phoenix Textile Engineering Pvt. Ltd.
38/5,6 Hadapsar Industrial Estate II, Lane No. 2,
Ramtekadi, Hadapsar, Pune 411013 India.
✆ +91 7721014440 / +91 8378958580
info@phoenixtextileengg.com
marketing@phoenixtextileengg.com
sales@phoenixtextileengg.com
www.phoenixengg.co.in • www.phoenixengineering.in

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pawan Yarn Suction Devices

Phoenix is specialized in manufacturing & supply of Yarn Suction Devices for past 25 years under brand 'pawan'.

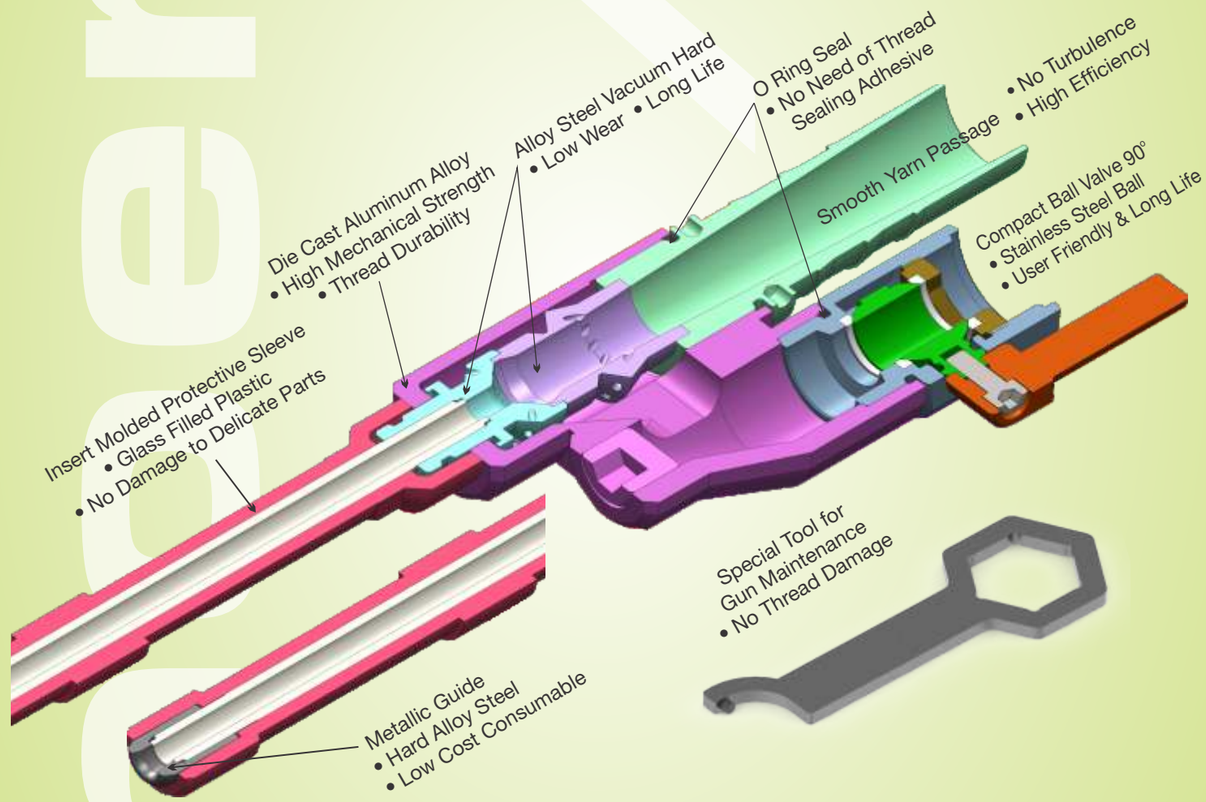
'pawan' suction guns are highly appreciated by clients due to

- ➢ Reasonable Price
- ➢ Consistent Quality
- ➢ Faster Deliveries
- ➢ Continual Up gradation
- ➢ Energy Efficient

By standardizing 'pawan' Suction Guns ,many clients have achieved reduction in

➢ Manpower ➢ Inventory ➢ Air Consumption

Some of the special features which PAWAN make guns offer ahead of other manufacturers



- Unique O Ring seal design, unlike other manufacturers, 'pawan' guns are equipped with special O Ring seal, enabling dismantling several times without thread damage.
- 'pawan' guns are manufactured from High Performance materials & undergo special treatments & plating / coatings to improve yarn abrasion resistance.
- All gun parts are manufactured on CNC machines under close tolerances, making them 100% interchangeable.
- All individual spares for 'pawan' & other make suction guns are available.

Invite Phoenix team for Suction Gun Energy Audit & find out Optimum Suction Gun Model by measurement & monitoring following parameters

➢ Air Consumption ➢ Air Pressure ➢ Suction Yarn Tension ➢ Yarn Speed

FDY PRODUCTION
PAWAN T500 / T750 / T1000 &
(SHORT SUCTION PIPE)
T510 / T760 / T1010
YARN SIZE: 1600 / 3200 / 10000 dtex
OPERATING PRESSURE : 6 – 14 bar
YARN SPEED : UP TO 8000 mtrs/min



POY PRODUCTION
PAWAN U500 / U750 / U1000
(LOW AIR CONSUMPTION)
YARN SIZE: 1600 / 3200 / 10000 dtex
OPERATING PRESSURE : 5 – 10 bar
YARN SPEED : UP TO 5500 mtrs/min



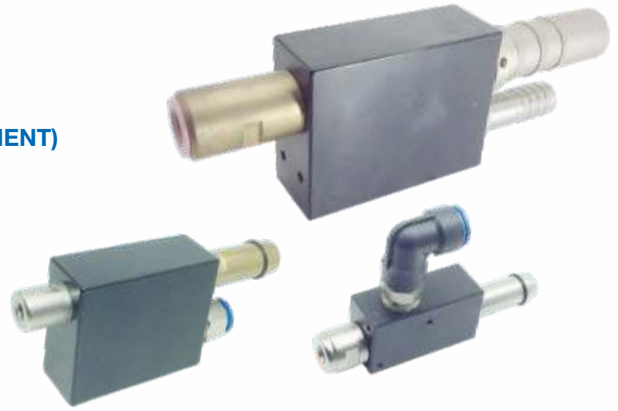
PSF PRODUCTION
PAWAN W1800
YARN SIZE: UP TO 30000 dtex
OPERATING PRESSURE: 6 – 10 bar
YARN SPEED : UP TO 2000 mtrs/min



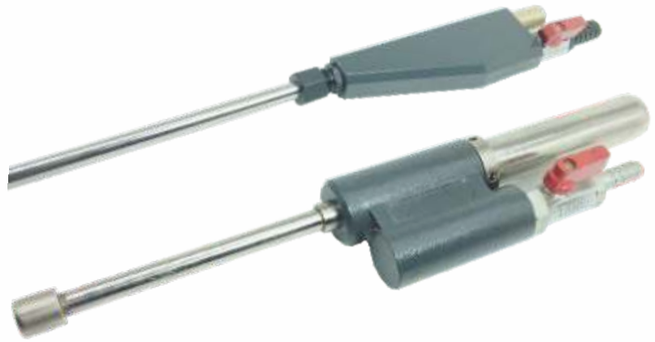
SPECIAL PURPOSE (NON TWISTING)
FOR FLAT TAPE / ARTIFICAL GRASS PRODUCTION
PAWAN E1500
YARN SIZE: 1500 dtex
OPERATING PRESSURE : 6 – 10 bar
YARN SPEED : UP TO 3200 mtrs/min



STATIC SUCTION UNIT
PAWAN A130 / A140 / A160
(MOUNTING DETAILS AS PER REQUIREMENT)
YARN SIZE: 5000 - 35000 dtex
OPERATING PRESSURE : 4 – 8 bar
YARN SPEED : UP TO 5000 mtrs/min



LOW SPEED SUCTION GUN –
YARN PROCESSING MACHINES
PAWAN S230 / S400
APPLICATION - DRAW WINDING
& DRAW TEXTURIZING
YARN SIZE: 400 dtex
OPERATING PRESSURE: 4 - 6 bar
YARN SPEED: UP TO 1500 mtrs/min



EQUIVALENT TO OTHER MANUFACTURERS
PAWAN H / PAWAN I / PAWAN B - 500 / 750 / 1000 POY AND FDY
(ALL PARTS INTERCHANGABLE WITH ORIGINAL)
YARN SIZE: 1600 / 3200 / 10000 dtex
OPERATING PRESSURE: 6 - 14 bar
YARN SPEED: UP TO 8000 mtrs/min



REPLACEMENT PARTS FOR
PAWAN suction guns
Other make -

- Enka Tecnica
- Heberlein
- Oerlikon
- AIR
- TMT
- BHRY
- TEIJIN
- Barmag

