

PT. MIURA INDONESIA

High Efficiency Boiler and Steam Drive Compressor



The Best Partner of
Energy, Water and Environment

MIURA

■ Company Profile (Miura Indonesia)

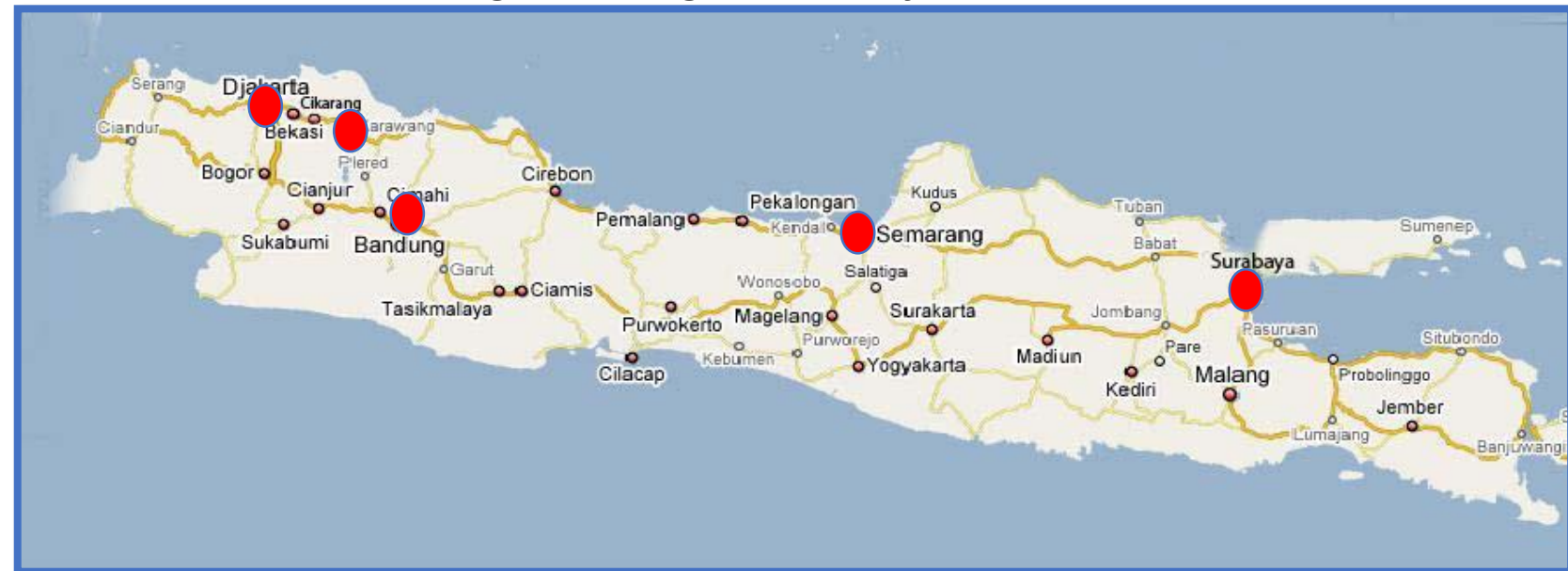


Head Office and Factory

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Fax : +62 267-8634888 – 8634910
Website : www.miura.co.id
Email : sales@miura.co.id

Established : 20 February 2009

Branch (Jakarta, Bandung, Semarang and Surabaya)



High Efficiency Boiler SI-2000GVS Features



Once-Through Steam Boiler

SI

● High Efficiency

Boiler Efficiency : 98%

Saving Energy

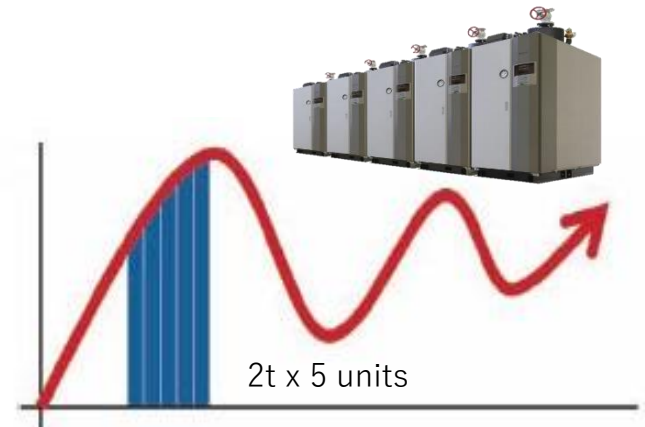
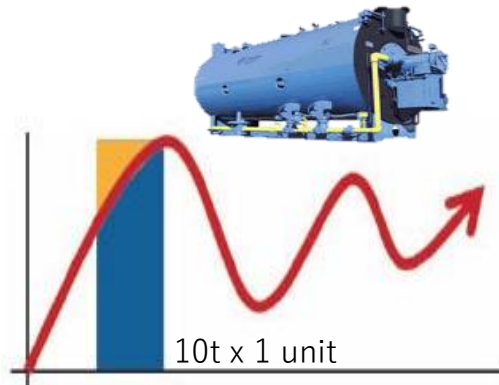
● Space Saving

Dimension : 0.99m (W) x 2.835m (D) x 2.635m (H)

● Quick Start

Start Up Time : Less than 5 Minute

● On Demand Steam



■ High Efficiency Boiler SI-2000GVS

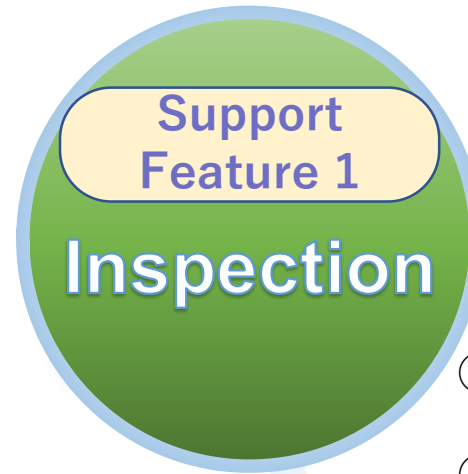


Miura Maintenance Program

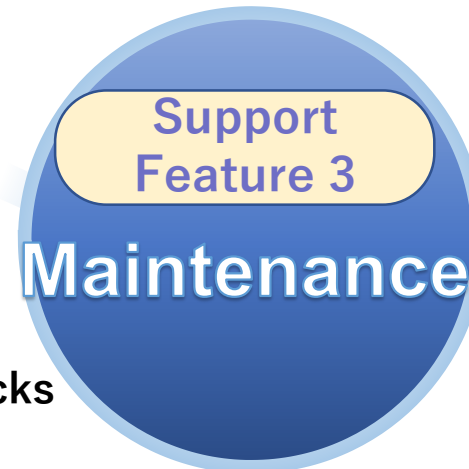
- ① Warrantly include boiler pressure vessel, economizer and previous maintenance
- ② Reduce replacement parts cost, repair and labor



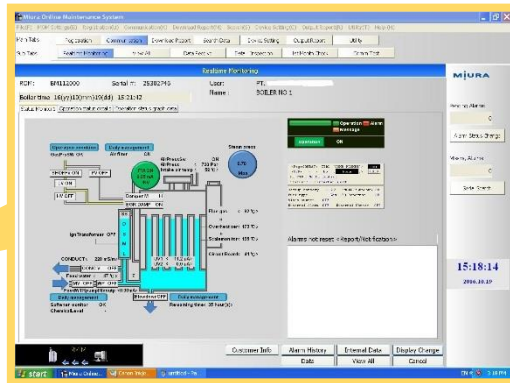
- ① Maintain safety through inspection
- ② Maintain performance and function
- ③ Extend boiler and ancillary item lifetime
water quality analysis and internal boiler checks



- ① Conduct inspection for previous maintenance
- ② Provide boiler condition in inspection report



Miura Online Maintenance System

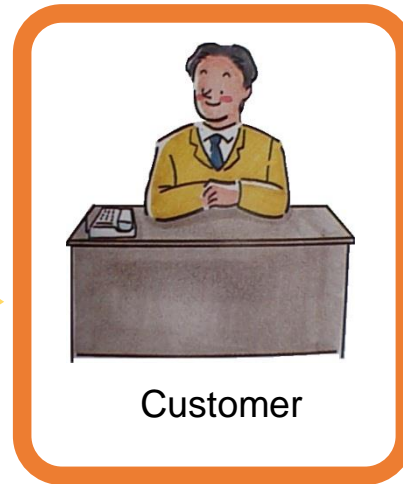


Online signal

Telephone Communication



Service visit



Miura Maintenance staff

Miura Online Monitoring (MOM)

Miura Online Maintenance System

File(F) MOM Settings(E) Registration(U) Communication(K) Download Report(M) Search(S) Device Setting(C) Output Report(R) Utility(T) Help(H)

Main Tabs: Registration, Communication, Download Report, Search Data, Device Setting, Output Report, Utility

Sub Tabs: Realtime Monitoring, View All, Data Receive, Data : Inspection, 1st Month Check, Comm Test

Realtime Monitoring

ROM: BM112000 Serial #: 25302746 User: PT. _____

Boiler time 16(yy)10(mm)19(dd) 15:21:42 Name : BOILER NO 1

Status Monitor1 | Operation status details | Operation status graph data

Operation Alarm

Message

Operation **ON**

```

<Prp(CONBST) CTRL [COMB PROHBT]> HOT
<OFF( - ) No [None ]> COLD
HI CTRL: No HI control
Status: 31 : Inverter shift
Backup battery 3.7V EMGENTshutdown OK
Fuel type Gas EQ Detector OK
Alarm buzzer OFF
External Alarm OFF External Notice OFF
                    
```

Alarms not reset <Report/Notification>

Pending Alarms: 0

Alarm Status Change

Missing Alarms: 0

Serial Search

15:18:14
2016.10.19

Customer Info

Alarm History

Internal Data

Display Change

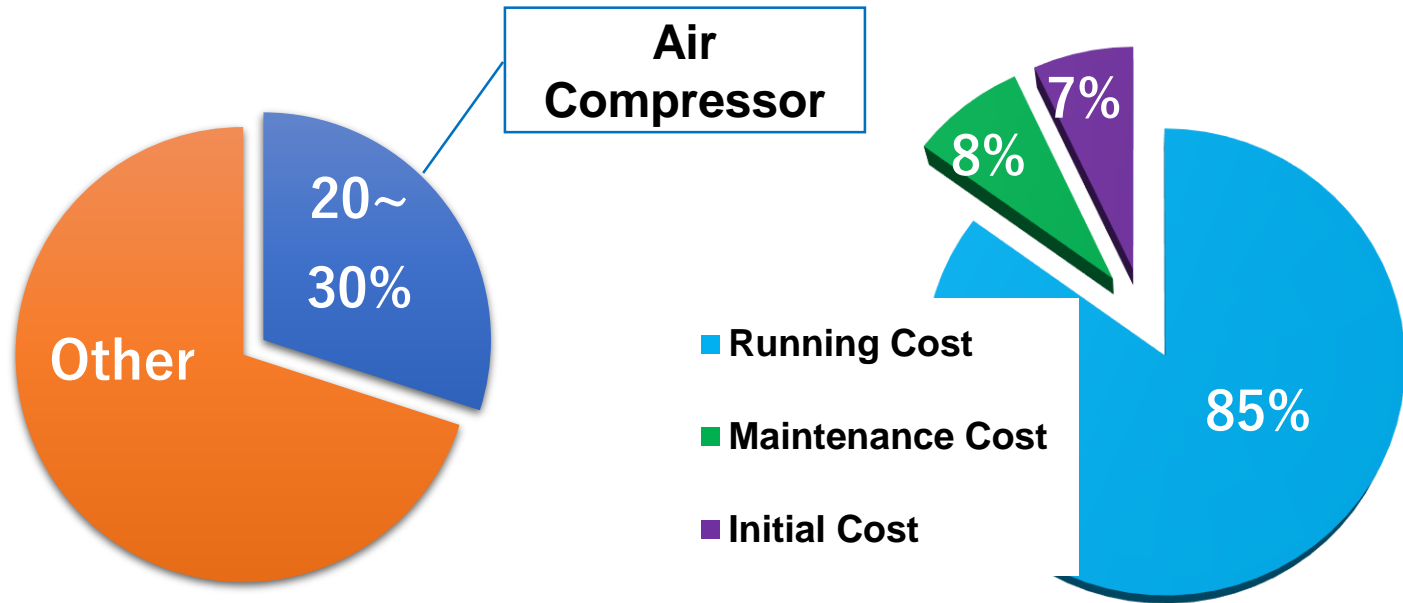
Data

View All

Cancel

start | Miura Online... | Canon Inkje... | untitled - Pa... | EN 3:18 PM

■ Air Compressor Electric Consumption



Electric Consumption of Factory

Life cycle cost (10 years)

Source : The Energy Conservation Center, Japan

Electric Consumption of Factory is ***more than 20%***

■ SDC Characteristic

(**S**team **D**rive-**C**ompressor)

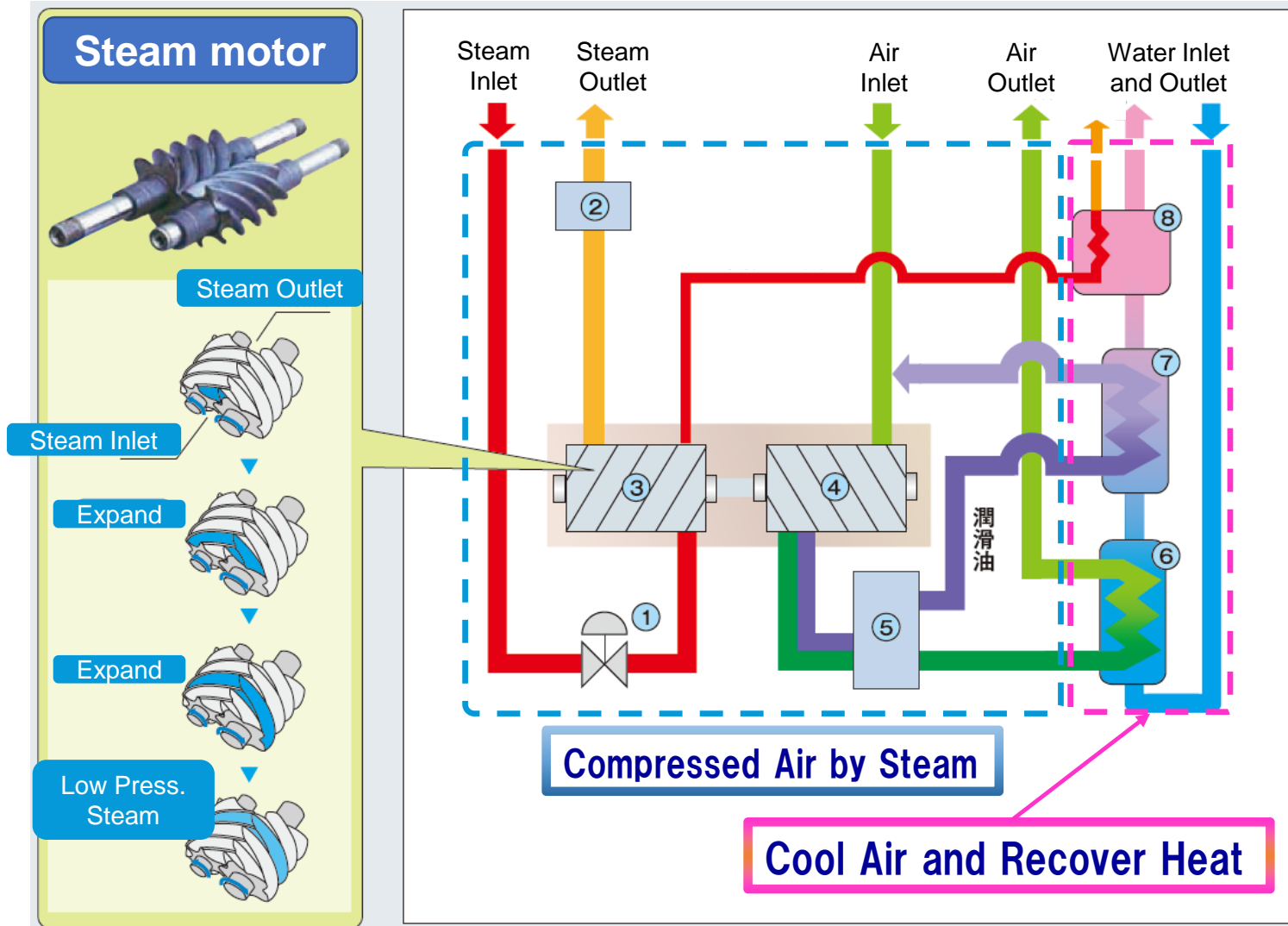


Feature

- Drive by Steam
→ *Reduce Electricity*
- Waste Heat Recovery

- Running Cost
About *85%* Reduction
- CO2 Emission
About *90%* Reduction

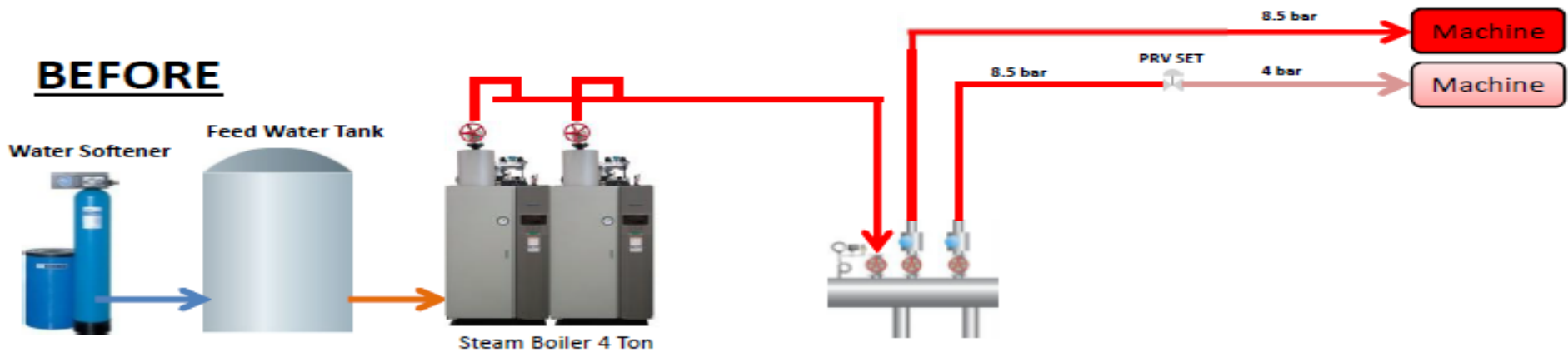
Power Conversion Technology of Steam Energy



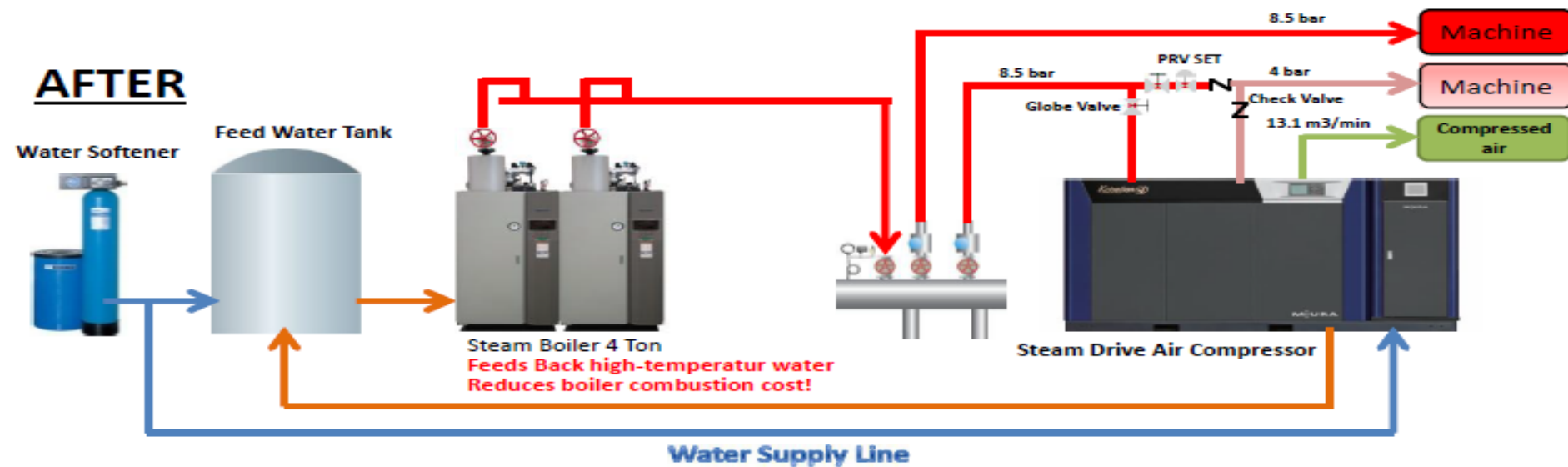
Latest Technology to convert Steam Energy to Power!

Schematic

BEFORE



AFTER



MIURA FACTORY KARAWANG



Terima Kasih