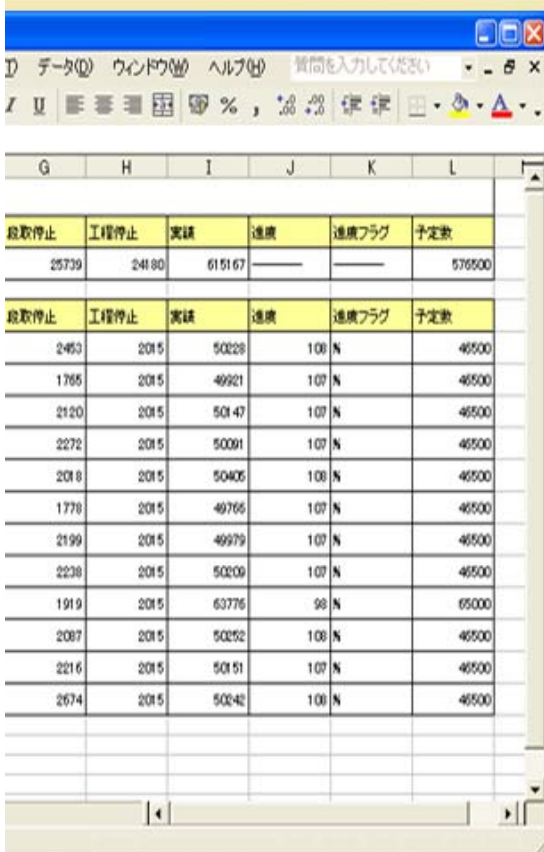


Production Analyzer MODEL "PDMV"

Look



取次停止	工程停止	実績	速度	速度フラグ	予定数
25739	24180	615167	—	—	576500
取次停止	工程停止	実績	速度	速度フラグ	予定数
2453	2015	50228	108	N	46500
1765	2015	49921	107	N	46500
2120	2015	50147	107	N	46500
2272	2015	50091	107	N	46500
2018	2015	50405	108	N	46500
1778	2015	49766	107	N	46500
2199	2015	49979	107	N	46500
2238	2015	50209	107	N	46500
1919	2015	63776	98	N	65000
2087	2015	50252	108	N	46500
2216	2015	50151	107	N	46500
2674	2015	50242	100	N	46500



Check

Improvement of Productivity Efficiency

- ◇ Capable to check the production status at a glance.
- ◇ Easy operation
- ◇ Easy installation on the machine
- ◇ High vibration proof
- ◇ Capable to communicate with PC
- ◇ Remote control system

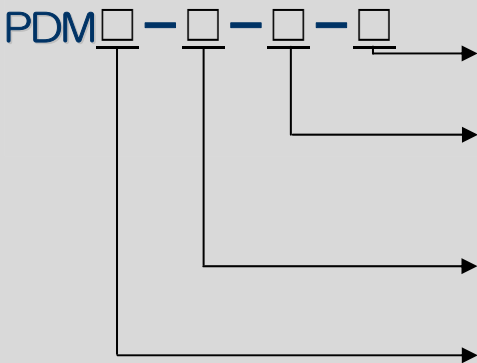
Exclusive Application

- ◇ Capable to control up to 30sets
- ◇ Same screen Production Analyzer and PC
- ◇ Capable to send new program from PC
- ◇ Capable to keep the daily, monthly, annual data
- ◇ Capable to catch the production status by time chart

Specification

- ◇ Production analyzer (Model: PEMV)
 - • • Display line : 5 fig.x3 line Word size : W27 mm x H59mm
 - • • Message word numbers : 32 (small) 16 (big)
 - • • Dimension : 520mm x 439mm x 180mm
 - • • Weight : 12Kg Color : R3-376 Voltage : AC100V/AC200V
 - • • Input : 4 points(from external device) Output : 2 points(to external device)
- ◇ Setting device (Model:PDM-T)
 - • • Communication method (RS485 by the converter) With connector
 - • • Cable length 5M RS-232C⇔RS-485 communication converter
- ◇ Communication converter (Model : PDM-C)
 - • • ※Setting device & Communication converter are sold separately

Type designation



Blank: Standard Z : Option

Installation position

T : Top of the machine F : Front side L : Left side

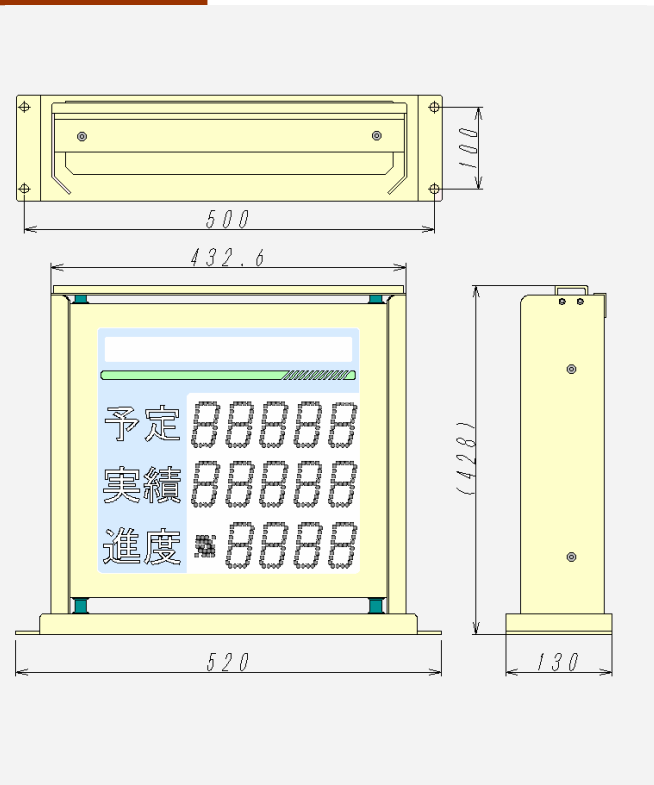
R : Right side H : Hang from the ceiling

Voltage

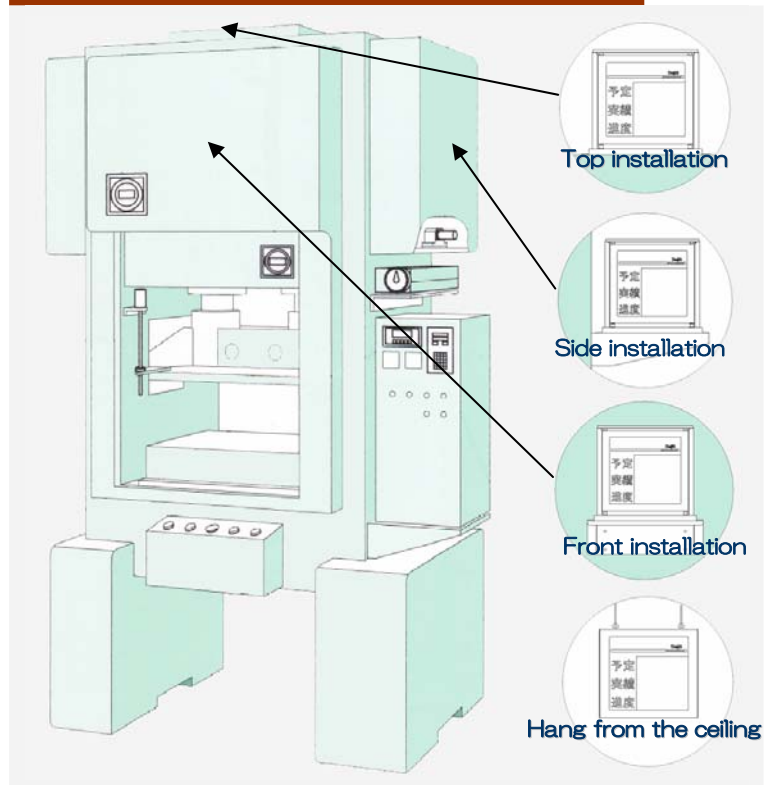
1 : AC100V 2 : AC200V

Blank : No message part V : Message part attached

Dimensions



Example of installation on the Press machine



Machines

- ◇ Press machine
- ◇ Cutting machine
- ◇ Crashing machine
- ◇ Injection molding machine
- ◇ Foundry machine
- ◇ Counter
- ◇ Automatic machine

Production status⇒Problem search⇒Production rate improvement

Monitor and Control

P PDM Manager
 (PDM production rate control software)

P PDM Progress Viewer
 (PDM progress control software)

Microsoft Windows XP Win32 Application

Description

- ◇ Capable to communicate PDM Production Analyzer in the factory and PC in the office.
- ◇ Capable to output the daily report by EXCEL file
- ◇ Capable to display the production status by line chart using exclusive software

Characteristic

- ◇ Capable to send the job message directly from PC in the office to the message part of PDMV in the factory



Enviroment

PC	IBM PC/AT interchangeable	Serial port	RS-232C
CPU	over1.4GHz		USB⇄RS-232Cchangeable cable
RAM	over 512MB (1GB recommended)		Checked by Arval SRC06-USB
Display	over (1024×768) over High Color	OS	Microsoft Windows XP
		Office soft	Microsoft Excel 2000 subsequent

Point 1 PDM Manager

Monitor individually !



Capable to display the real time production status on PDMV & PC, sending the job message to the operator in the factory. Capable to check the production status of the machine by PC in the office.

Point 2 PDM Manager

Send the job message !



Capable to draw up the list of the job messages and operation conditions in advance. After sending job message, they are displayed on the message part of the PDMV, and the operator can receive the new job indication.

Point 3 PDM Manager & Microsoft Excel

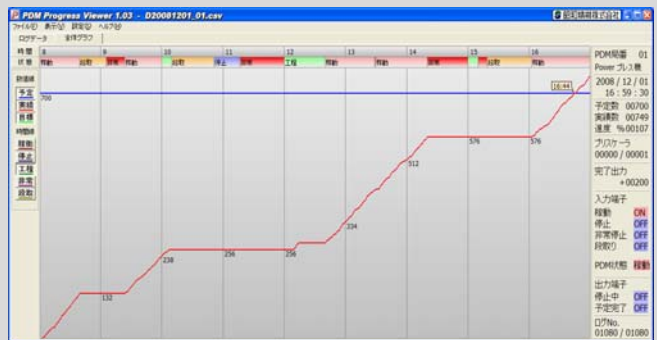
Output the total processing by EXCEL file !

局番	O	D	E	F	G	H	I	
1	合計	総稼働時間	総稼働時間	停止時間	非常停止	投取停止	工程停止	実績
2		200508	70694	35300	42947	27367	24180	601670
5	月	総稼働時間	稼働時間	停止時間	非常停止	投取停止	工程停止	実績
6	2009/01	16709	6144	2689	3203	2058	2015	50250
7	2009/02	16709	5841	2823	3615	2415	2015	50000
8	2009/03	16709	6011	2560	3009	2214	2015	49681
9	2009/04	16709	6129	3057	3586	1942	2015	50224
10	2009/05	16709	6036	2708	3675	2375	2015	50104
11	2009/06	16709	6164	3103	3402	1905	2015	50259
12	2009/07	16709	6148	2712	3215	2619	2015	50313
13	2009/08	16709	5805	2845	3636	2305	2015	50205
14	2009/09	16709	5532	2969	4040	2153	2015	50104
15	2009/10	16709	5678	3147	3734	2135	2015	50210
16	2009/11	16709	5501	3300	2850	2583	2015	50311
17	2009/12	16709	6605	3354	4142	1593	2015	50009

During operation daily production report is kept in the log. data and capable to output the daily, monthly, and annual production status results by EXCEL file . Check the production rate results, and find the problems and be useful for better production plan in the future.

Point 4 PDM Progress Viewer

Display the detail graph with time sequence !



Show currency of production result numbers, Input & output condition, reached time of scheduled numbers in the graph. An interval or lunch time can be set in advance. Easy to find the disturbed factors for achievement, such as long stop time or unexpected emergency stop times, and useful to improve the production rate.



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