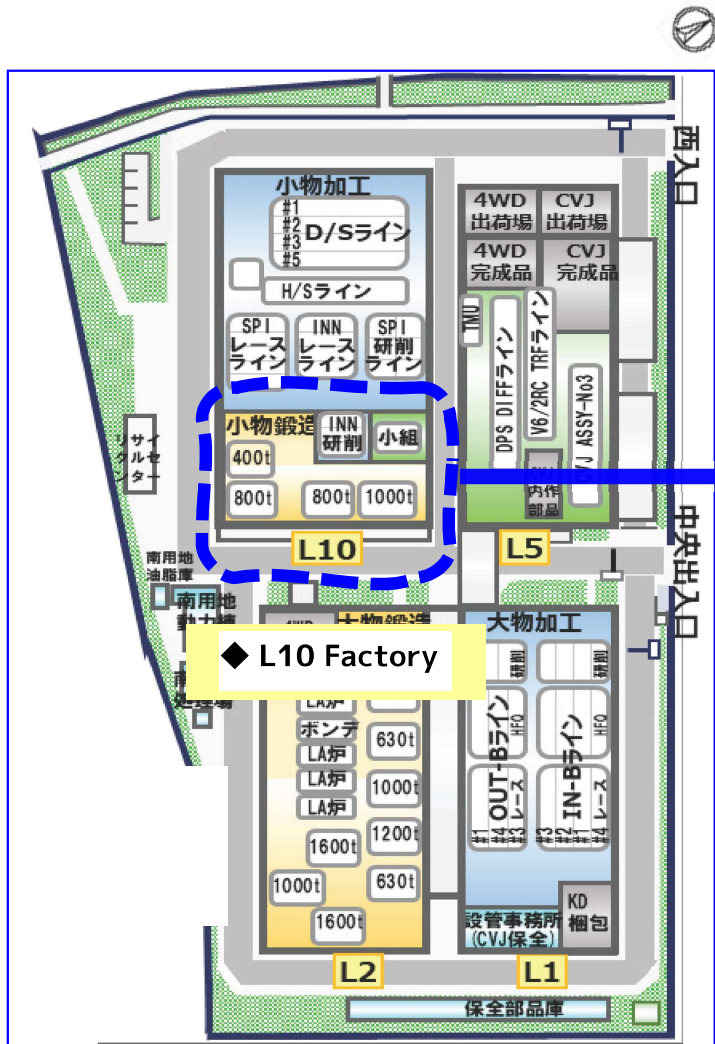


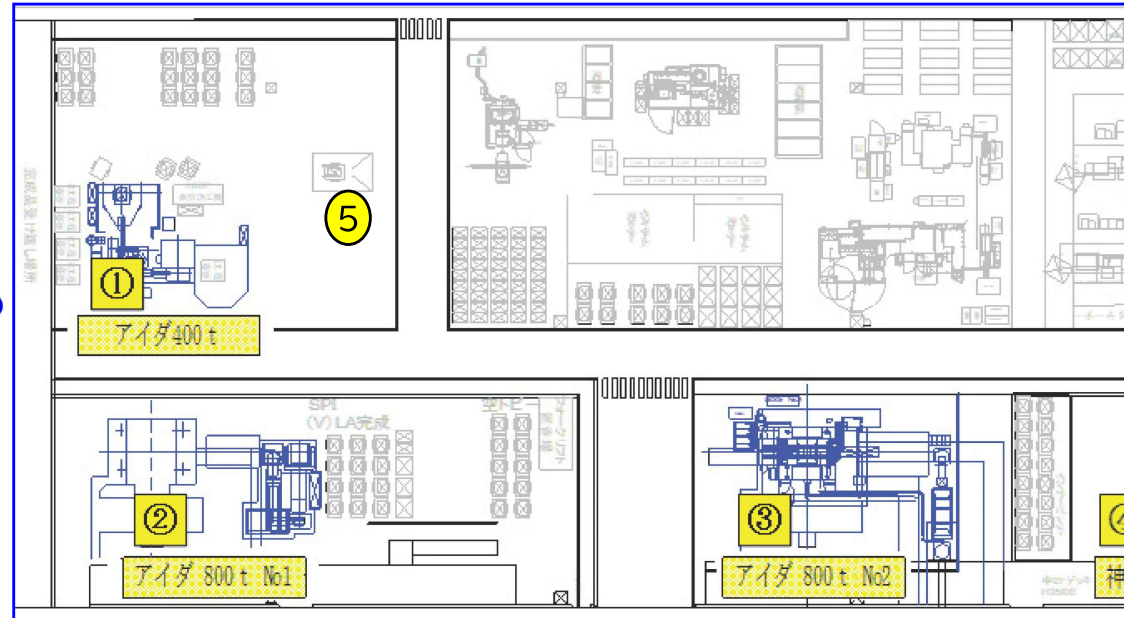


PTU Manufacturing Department South Site

◆ DT Factory



◆ L10 Factory Small Forging Equipment Layout



◆ Small item forging process series

Small Forging Process	Billet	1 process	Annealing Shot treatment	Coating treatment	2 Process
Facilities/Equipment	—	AIDA 800 t	LA furnace/Shot	Bonde Lubrication System	AIDA 400 t
Processing	Materials	Precision molding/piercing	Annealing / Blasting	Lubrication	Sizing
Inner					

Warm forging process	Billet	Annealing Shot treatment	Coating treatment	Coating treatment
Facilities/Equipment	—	LA furnace/Shot	Inside material supply Coating equipment	Induct eq
Processing	Materials	Annealing / Blasting	Mold release agent application	1
Spider				





◆ AIDA 800t-No.2 Press Specification Date of introduction 年月 1993/10

item	Facility	Aida 800t-No2
Model	-	FMX-L2
• Molding stage	-	1ST
• Press size *Reference value	<b>M</b>	□4.5MxHeight 8M
• Press weight *Reference value	<b>t</b>	Approximately 100t
• Die Height	-	1100
• Slide dimension LR	mm	1200
• Slide dimensions FB	mm	1000
- Bolster dimension LR	mm	1200
- Bolster dimensions FB	mm	1050
• t	mm	-
• Slide adjustment length	mm	100
• Stroke length	mm	400
Number of strokes	spm	15-25
Maximum workload	TON-M	12/15spm
	type	Air Timing
• Slide KO	TON	5
	mm	50
Balancer	TON	3
• Bottom KO	TON	50
	mm	180
- Automatic transport mechanism	-	3D servo T/F
• Send	mm	260
Clamp	mm	110
• lift	mm	30
- Clamp inner width	mm	220
• Feed bar bottom height	-	-
Main motor	Kw	185/DC

◆ Facility photos (Link Press)

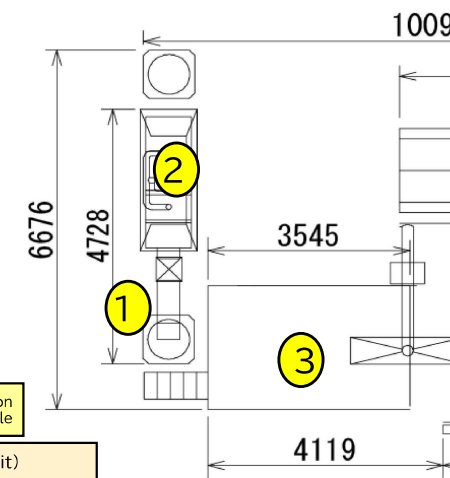


Cold Forging Warm Forging

\* In the control panel 2 Floor installation available

\* Underground pit available (1 hydraulic unit)

◆ Facility layout diagram (refer



◆ Press accessory equipment overview

No.	Name of ancillary equipment	Manufacturer	Model/special specifications	(Reference) Size/Weight	Date of introduction
①	Material Supply Device	Yoshinobu Industry	-	See the above figure	2008
②	Lubricant application device	Yoshinobu Industry	Coating solution: ChemiLube 470	See the above figure	2008
③	Billet Heater	Electric Industry	200kw high frequency induction heating	See the above figure	2008
④	QDC (Die Change Device)	Aida	Die set changer	See the above figure	1993
⑤	Dust collector	Amano	Dry	-	1993
⑥					
⑦					
⑧					
⑨					
⑩					



Dust  
collector

\*The AIDA 800t-No.1/No.2 presses are equipped with a dust collector outside the building.

AIDA 800t-No.1 Press



AIDA 800t-No.2 Pre

