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## Logistics industry Application

HA/pegasus

HT 20230705-IV



# Logistics industry Application

As the scale of logistics demand has reached a new high, the efficiency and sustainability of logistics transportation have been improved, and pallets, turnover boxes, aviation boxes and bins have become very popular. And with the continuous promotion of the garbage classification policy, garbage bin products will continue to maintain a strong demand for production.

More product sizes and higher product strength also put forward more demands for injection molding machines. In this context, the original logistics specific machine has been updated to follow the trend. The new logistics specific machine has a more complete product line, covering a 2~40kg product line, equipped with more wear-resistant plasticizing components, and capable of larger mold sizes and bigger shot weight, than the standard machine.

## Product structure

Clamping force  
8000-41,000 kN



## Diversified Solutions

### ◎ A variety of machine types are available.

Products in the logistics industry cover all aspects of life, so the size and weight distribution range varies, with an increased demand in combination of machine tonnage and injection volume requirements. Haitian has launched 9 variations of the standard 3 platen logistics specific machines and 4 variations of the standard two-platen combinations ;

### ◎ Mold adaptability

Most deep cavity molds has a larger mold thickness, HA logistics specific machine has a specially designed mechanical structure to allow a for a larger mold opening distance, suitable for easier mold installation, and better mold adaptability;

### ◎ Increased injection weight

Aiming at the characteristics of larger weight products in the logistics industry, Haitian has optimized the injection structure and the ratio of screw stroke, with increasing the theoretical injection volume, making it more suitable for the production of large products, and ensuring a higher yield of injection molded products;

### ◎ High wear resistant plasticizing components

The materials used in the logistics industry are relatively complex, and some products will contain PE, PP with mixed additives and recycled material. The material flow is poor and it requires high wear resistant plasticizing components to process the material efficiently. The special screw has strong plasticizing ability and excellent plasticizing.

### Toggle machine can be combined

CLAMPING UNIT (kN)	INJECTION UNIT											
	4550	6350	7950	10600	13700	19300	42000	48000	58000	62000	89000	106300
HA8000			Standard range									
HA10000				Standard range								
HA17000					Standard range							
HA22500						Standard range						
HA25000							Standard range					
HA29000								Standard range				
HA33500									Standard range			
HA41000										Standard range		

Standard range    Combination possibilities

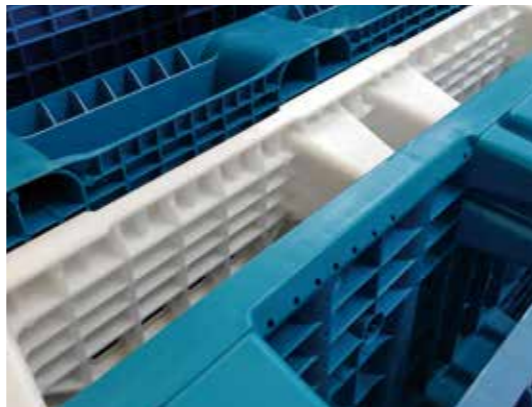
### Two plates machine can be combined

CLAMPING UNIT (kN)	INJECTION UNIT						
	17300	22300	32300	40300	50300	62300	93300
HA14000	Standard range						
HA21000			Standard range				
HA24000				Standard range			
HA27000					Standard range		
HA33000						Standard range	
HA41000							Standard range

Standard range    Combination possibilities

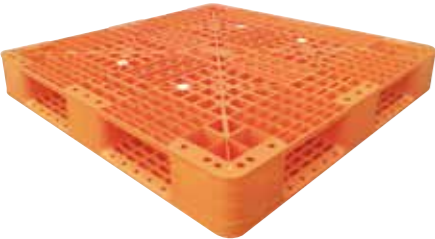


# Logistics industry Application



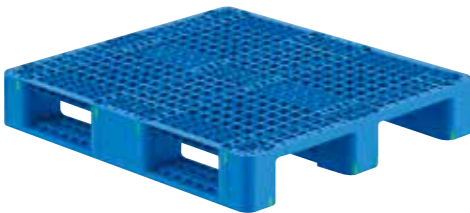
## Double-sided pallet

Machine: HA22500/35000pegasus  
 Raw material: PP  
 Size: 1200x1000x150mm  
 Weight: 14kg



## Large pallet

Machine: HA27000/62300pegasus  
 Raw material: PP  
 Size: 1400x1200x170mm  
 Weight: 20kg



## 240L Garbage bin (body)

Machine: HA21000/32300pegasus  
 Raw material: PP/PE  
 Size: 587x729x1050mm  
 Weight: 10kg



## 1200L Garbage bin (body)

Machine: HA41000/93300pegasus  
 Raw material: PP  
 Size: 1373x1073x1354mm  
 Weight: 35kg



## L-80 Pet air carrier

Machine: HA8000/7950pegasus  
 Raw material: PP/ABS  
 Size: 801x562x306mm  
 Weight: 3kg



## 830 Circulation case

Machine: HA10000/10600pegasus  
 Raw material: PP  
 Size: 830x590x420mm  
 Weight: 4.5kg

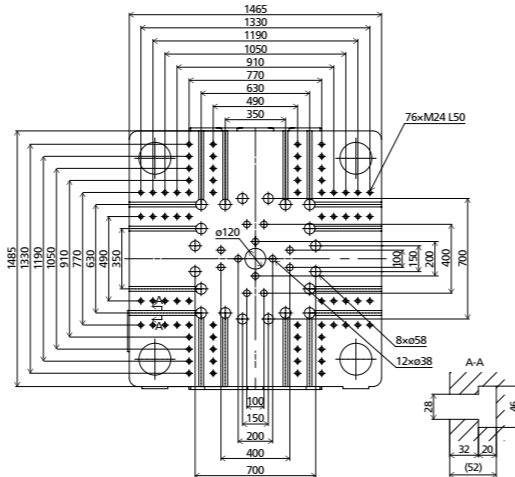




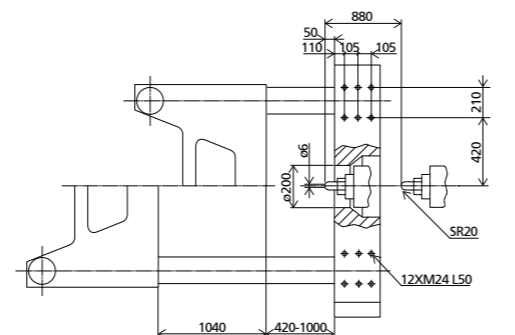
## Logistics Specific Machine HA8000/7950 pegasus

		7950			
		A	B	C	D
<b>INJECTION UNIT</b>					
Screw diameter	mm	100	110	120	130
Screw L/D ratio	L/D	24.2	22	20.2	18.6
Injection volume (theoretical)	cm <sup>3</sup>	3769	4561	5428	6371
Injection weight (PS)	g	3430	4151	4940	5797
Injection rate	g/s	653	790	940	1104
Injection pressure	MPa	217	179	151	128
Plasticizing rate (GPPS) ①	g/s	93.9	113	131	150
Plasticizing rate (HDPE) ②	g/s	137	164	187	215
Screw speed	rpm	0~108			
<b>CLAMPING UNIT</b>					
Three-Platen					
Clamping force	kN	8000			
Mold opening stroke	mm	1040			
Dist. between tie bars (H×V)	mm	1000×1000			
Mold height max.	mm	1000			
Mold height min.	mm	420			
Ejector stroke	mm	280			
Ejector force	kN	186			
<b>OTHERS</b>					
Pump motor power	kW	37+70			
Heater power	kW	81			
Machine dimension (L×W×H)	m	11.46×2.35×2.78			
Machine weight	t	39			
Hopper capacity	kg	200			
Oil tank	l	1150			

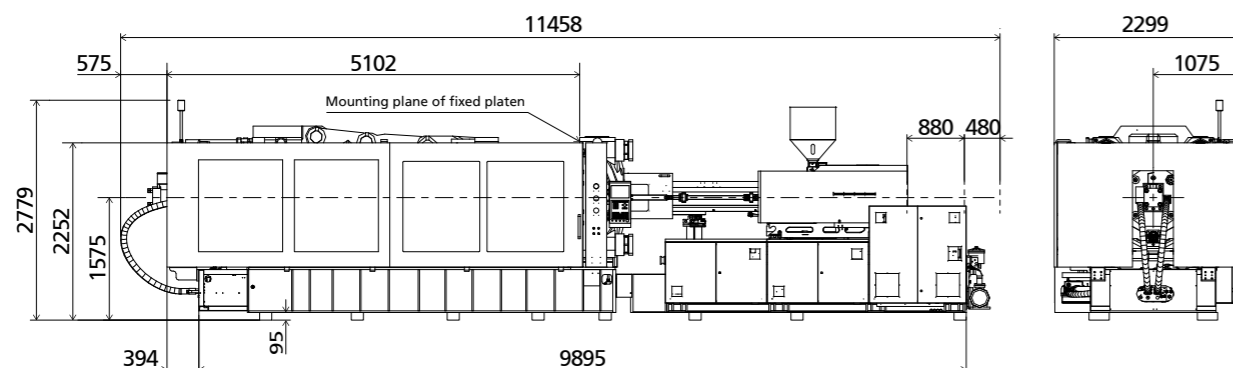
Moving platen dimensions



Platen side dimensions



Machine dimensions



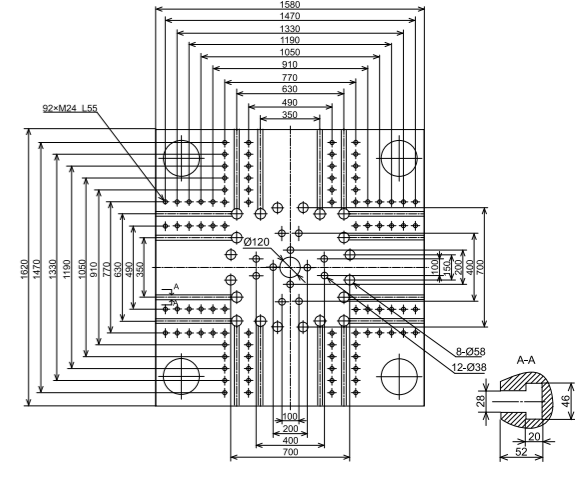
Note: ① Plasticizing rate(GPPS): GB standard,with application of GPPS plasticizing capacity of 3-zone screws  
② Plasticizing rate(HDPE): Euromap 19,with application of HDPE plasticizing capacity of barrier screws

We reserve the right to make changes as a result of further technical advantages.

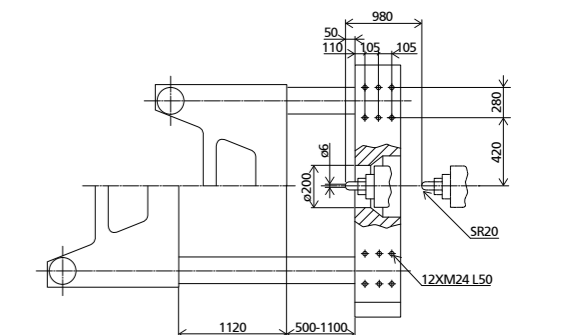
## Logistics Specific Machine HA10000/10600 pegasus

		10600		
		A	B	C
<b>INJECTION UNIT</b>				
Screw diameter	mm	120	130	140
Screw L/D ratio	L/D	24	22.2	20.6
Injection volume (theoretical)	cm <sup>3</sup>	6220	7300	8466
Injection weight (PS)	g	5660	6643	7704
Injection rate	g/s	1006	1181	1370
Injection pressure	MPa	174	149	128
Plasticizing rate (GPPS) ①	g/s	152	175	200
Plasticizing rate (HDPE) ②	g/s	232	256	292
Screw speed	rpm	0~109		
<b>CLAMPING UNIT</b>				
Three-Platen				
Clamping force	kN	10000		
Mold opening stroke	mm	1120		
Dist. between tie bars (H×V)	mm	1090×1090		
Mold height max.	mm	1100		
Mold height min.	mm	500		
Ejector stroke	mm	320		
Ejector force	kN	215		
<b>OTHERS</b>				
Pump motor power	kW	70+70		
Heater power	kW	99		
Machine dimension (L×W×H)	m	12.62×2.54×3.10		
Machine weight	t	54		
Hopper capacity	kg	200		
Oil tank	l	1360		

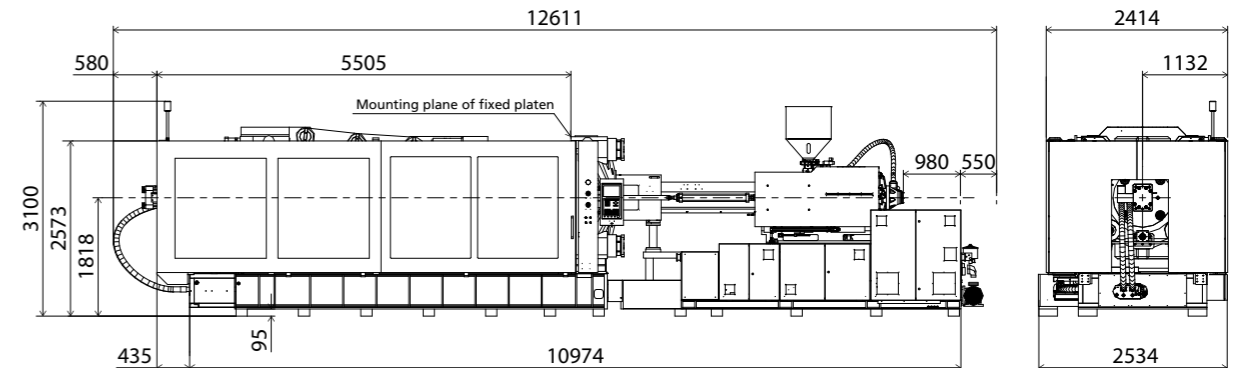
Moving platen dimensions



Platen side dimensions



Machine dimensions



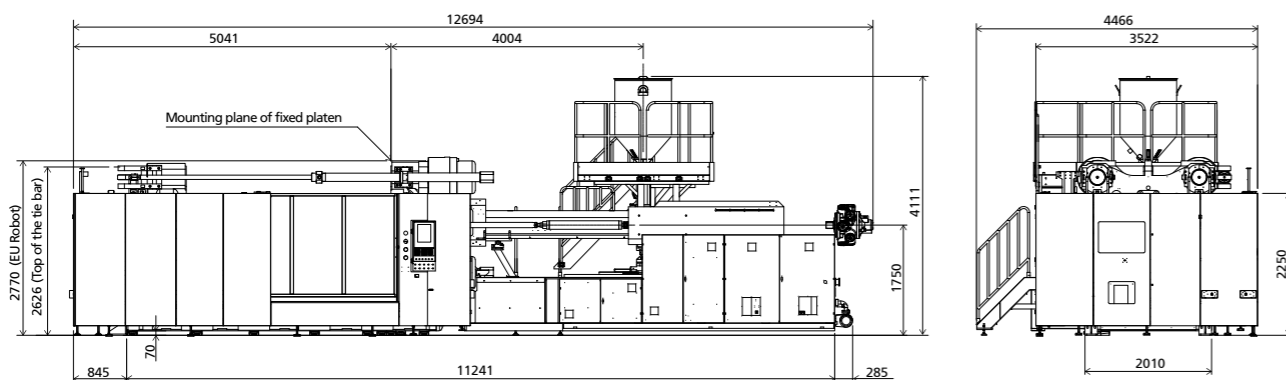
Note: ① Plasticizing rate(GPPS): GB standard,with application of GPPS plasticizing capacity of 3-zone screws  
② Plasticizing rate(HDPE): Euromap 19,with application of HDPE plasticizing capacity of barrier screws

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# Logistics Specific Machine HA14000/17300 pegasus

		17300	Moving platen dimensions
<b>INJECTION UNIT</b>			
Screw diameter	mm	150	
Screw L/D ratio	L/D	24	
Injection volume (theoretical)	cm <sup>3</sup>	11133	
Injection weight (PS)	g	10131	
Injection rate	g/s	1646	
Injection pressure	MPa	140	
Injection pressure ( max )	MPa	158	
Plasticizing rate (HDPE)①	g/s	336	
Screw speed	rpm	0~102	
<b>CLAMPING UNIT</b>			
		Two-Platen	
Clamping force	kN	1400	
Mold opening stroke	mm	2450/1700	
Dist. between tie bars (HxV)	mm	1370x1270	
Mold height max.	mm	1550	
Mold height min.	mm	800	
Ejector stroke	mm	350	
Ejector force	kN	230	
Mold opening stroke	mm	3250	
Max. mold weight	t	23	
<b>OTHERS</b>			
Pump motor power	kW	75+37+55	
Heater power	kW	140	
Machine dimension (LxWxH)	m	12.7x4.5x4.2	
Machine weight	t	63	
Hopper capacity	kg	400	
Oil tank②	l	1550	

## Machine dimensions



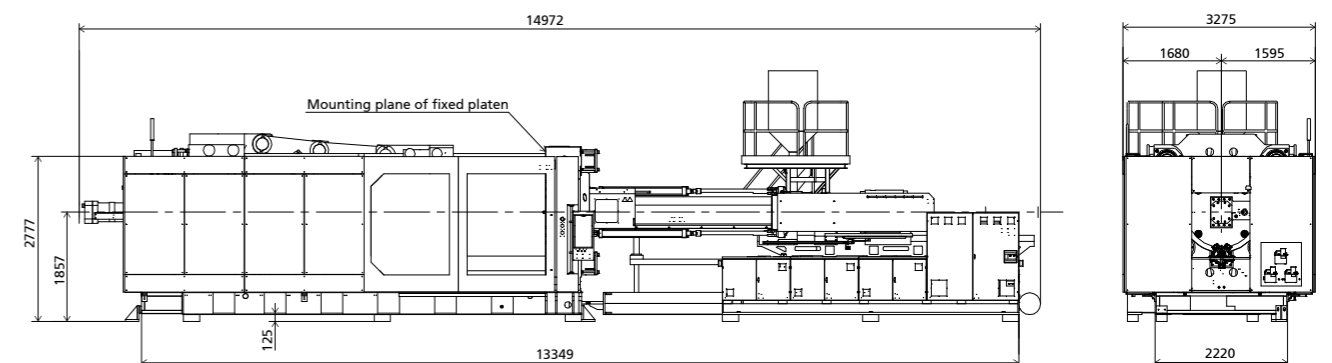
Note: ① Plasticizing rate(GPPS): GB standard,with application of GPPS plasticizing capacity of 3-zone screws  
 ② Plasticizing rate(HDPE): Euromap 19,with application of HDPE plasticizing capacity of barrier screws

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# Logistics Specific Machine HA17000/13700 pegasus

		13700	Moving platen dimensions	
<b>INJECTION UNIT</b>				
Screw diameter	mm	140		
Screw L/D ratio	L/D	22.3		
Injection volume (theoretical)	cm <sup>3</sup>	9683		
Injection weight (PS)	g	8812		
Injection rate	g/s	1253		
Injection pressure	MPa	158		
Plasticizing rate (GPPS) ①	g/s	174		
Plasticizing rate (HDPE) ②	g/s	255		
Screw speed	rpm	0~96		
<b>CLAMPING UNIT</b>				
		Three-Platen		
Clamping force	kN	17000		
Mold opening stroke	mm	1600		
Dist. between tie bars (HxV)	mm	1550x1430		
Mold height max.	mm	1500		
Mold height min.	mm	700		
Ejector stroke	mm	400		
Ejector force	kN	318		
<b>OTHERS</b>				
Pump motor power	kW	65x2+30		
Heater power	kW	110.5		
Machine dimension (LxWxH)	m	15.0x3.3x4.5		
Machine weight	t	106		
Hopper capacity	kg	400		
Oil tank	l	1680		

## Machine dimensions



Note: ① Plasticizing rate(GPPS): GB standard,with application of GPPS plasticizing capacity of 3-zone screws  
 ② Plasticizing rate(HDPE): Euromap 19,with application of HDPE plasticizing capacity of barrier screws

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## Logistics Specific Machine HA21000/32300 pegasus

		32300	Moving platen dimensions	
<b>INJECTION UNIT</b>				
Screw diameter	mm	170		
Screw L/D ratio	L/D	22.6		
Injection volume (theoretical)	cm <sup>3</sup>	19747		
Injection weight (PS)	g	17970		
Injection rate	g/s	1795		
Injection pressure	MPa	142		
Injection pressure ( max )	MPa	160		
Plasticizing rate (HDPE)①	g/s	310		
Screw speed	rpm	0~72		
<b>CLAMPING UNIT</b>				
		Two-Platen		
Clamping force	kN	21000		
Mold opening stroke	mm	2840/1910		
Dist. between tie bars (H×V)	mm	1635×1535		
Mold height max.	mm	1840		
Mold height min.	mm	910		
Ejector stroke	mm	450		
Ejector force	kN	450		
Mold opening stroke	mm	3750		
Max. mold weight	t	40		
<b>OTHERS</b>				
Pump motor power	kW	75+55+55		
Heater power	kW	174		
Machine dimension (L×W×H)	m	14.3×4.8×4.4		
Machine weight	t	103.5		
Hopper capacity	kg	400		
Oil tank②	l	1880		

### Machine dimensions

Note: ① Plasticizing rate(GPPS): GB standard,with application of GPPS plasticizing capacity of 3-zone screws  
② Plasticizing rate(HDPE): Euromap 19,with application of HDPE plasticizing capacity of barrier screws

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## Logistics Specific Machine HA22500/19300 pegasus

		19300			Moving platen dimensions			
<b>INJECTION UNIT</b>								
Screw diameter	mm	B 150	C 160	D 170				
Screw L/D ratio	L/D	22.4	21	19.8				
Injection volume (theoretical)	cm <sup>3</sup>	13960	15884	17931				
Injection weight (PS)	g	12704	14454	16317				
Injection rate	g/s	1191	1355	1529				
Injection pressure	MPa	192	169	149				
Plasticizing rate (GPPS) ①	g/s	174	194	220				
Plasticizing rate (HDPE) ②	g/s	290	300	330				
Screw speed	rpm	0~86						
<b>CLAMPING UNIT</b>								
		Three-Platen						
Clamping force	kN	22500						
Mold opening stroke	mm	1800						
Dist. between tie bars (H×V)	mm	1750×1600						
Mold height max.	mm	1700						
Mold height min.	mm	780						
Ejector stroke	mm	400						
Ejector force	kN	430						
<b>OTHERS</b>								
Pump motor power	kW	65×3						
Heater power	kW	133.7						
Machine dimension (L×W×H)	m	16.7×3.6×4.6						
Machine weight	t	140						
Hopper capacity	kg	400						
Oil tank	l	1950						

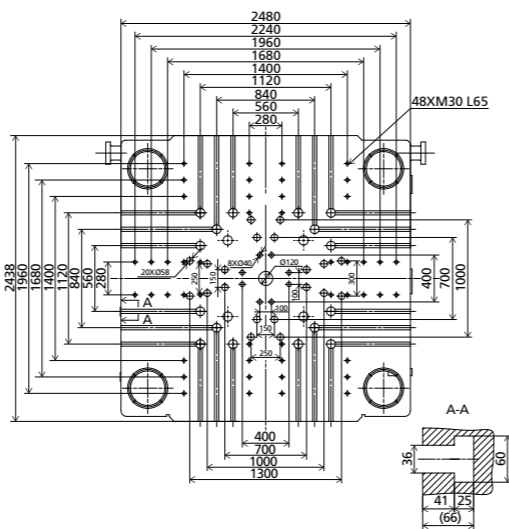
### Machine dimensions

Note: ① Plasticizing rate(GPPS): GB standard,with application of GPPS plasticizing capacity of 3-zone screws  
② Plasticizing rate(HDPE): Euromap 19,with application of HDPE plasticizing capacity of barrier screws

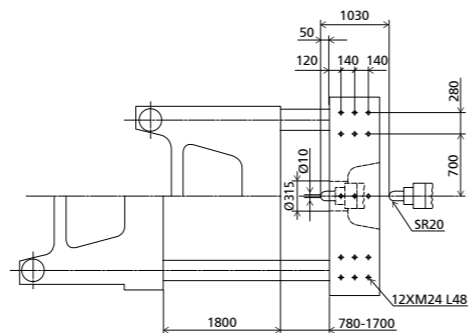
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# Logistics Specific Machine HA22500/42000 pegasus

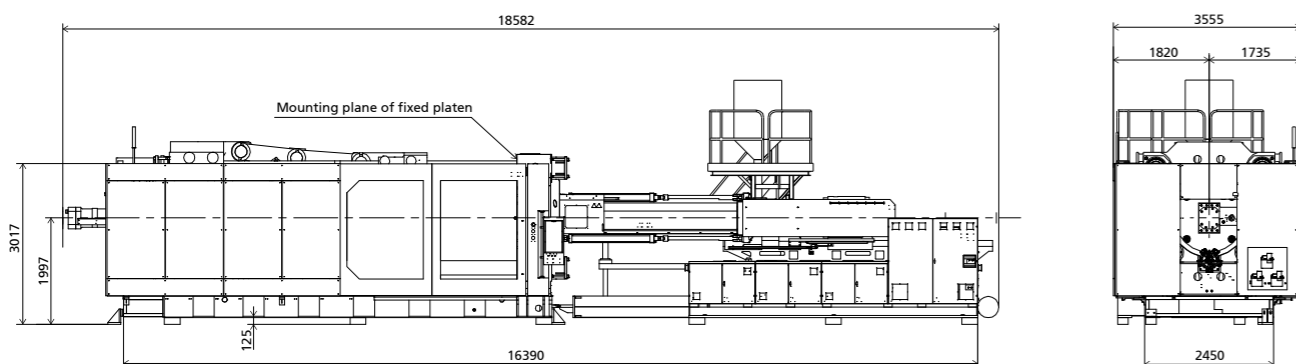
		42000	Moving platen dimensions	
<b>INJECTION UNIT</b>				
Screw diameter	mm	190		
Screw L/D ratio	L/D	22.4		
Injection volume (theoretical)	cm <sup>3</sup>	29147		
Injection weight (PS)	g	26523		
Injection rate	g/s	1815		
Injection pressure	MPa	143		
Plasticizing rate (GPPS) ①	g/s	/		
Plasticizing rate (HDPE) ②	g/s	305		
Screw speed	rpm	0~65		
<b>CLAMPING UNIT</b>				
		Three-Platen		
Clamping force	kN	22500		
Mold opening stroke	mm	1800		
Dist. between tie bars (HxV)	mm	1750x1600		
Mold height max.	mm	1700		
Mold height min.	mm	780		
Ejector stroke	mm	400		
Ejector force	kN	430		
<b>OTHERS</b>				
Pump motor power	kW	85x2+55		
Heater power	kW	212		
Machine dimension (LxWxH)	m	18.15x3.56x4.43		
Machine weight	t	150		
Hopper capacity	kg	400		
Oil tank	l	2250		



Platen side dimensions



## Machine dimensions

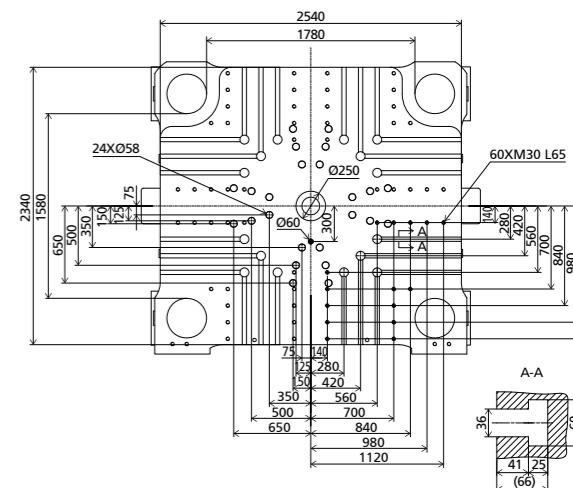


Note: ① Plasticizing rate(GPPS): GB standard,with application of GPPS plasticizing capacity of 3-zone screws  
② Plasticizing rate(HDPE): Euromap 19,with application of HDPE plasticizing capacity of barrier screws

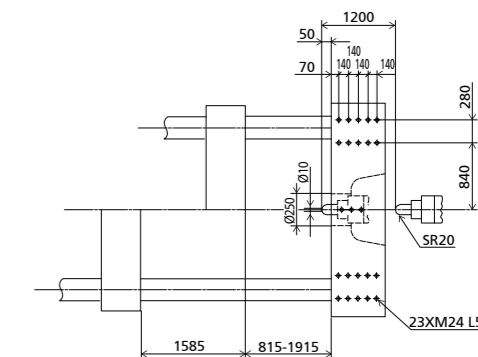
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# Logistics Specific Machine HA24000/40300 pegasus

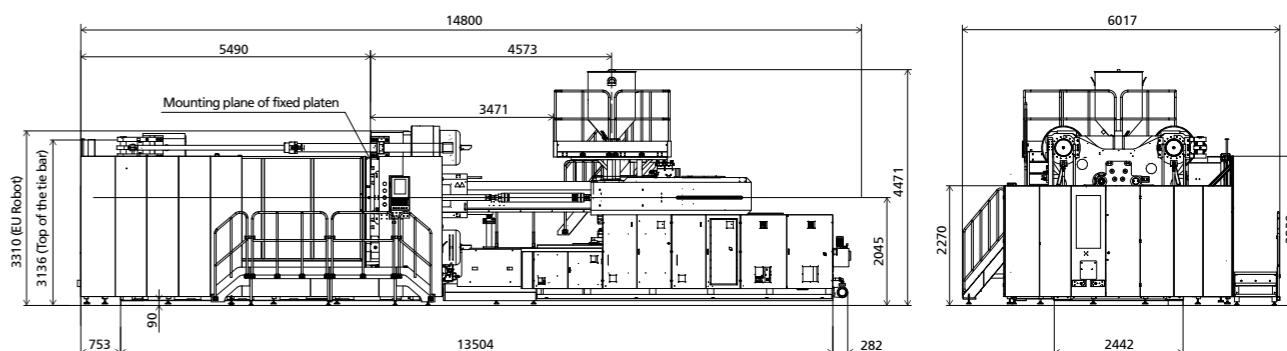
		40300	Moving platen dimensions	
<b>INJECTION UNIT</b>				
Screw diameter	mm	185		
Screw L/D ratio	L/D	21.6		
Injection volume (theoretical)	cm <sup>3</sup>	27687		
Injection weight (PS)	g	25195		
Injection rate	g/s	1811		
Injection pressure	MPa	134		
Injection pressure ( max )	MPa	152		
Plasticizing rate (HDPE)①	g/s	320		
Screw speed	rpm	0~70		
<b>CLAMPING UNIT</b>				
		Two-Platen		
Clamping force	kN	24000		
Mold opening stroke	mm	2685/1585		
Dist. between tie bars (HxV)	mm	1780x1580		
Mold height max.	mm	1915		
Mold height min.	mm	815		
Ejector stroke	mm	500		
Ejector force	kN	450		
Mold opening stroke	mm	3500		
Max. mold weight	t	50		
<b>OTHERS</b>				
Pump motor power	kW	75x2+55		
Heater power	kW	215		
Machine dimension (LxWxH)	m	14.80x6.02x4.48		
Machine weight	t	131		
Hopper capacity	kg	400		
Oil tank②	l	2390		



Platen side dimensions



## Machine dimensions



Note: ① Plasticizing rate(GPPS): GB standard,with application of GPPS plasticizing capacity of 3-zone screws  
② Plasticizing rate(HDPE): Euromap 19,with application of HDPE plasticizing capacity of barrier screws

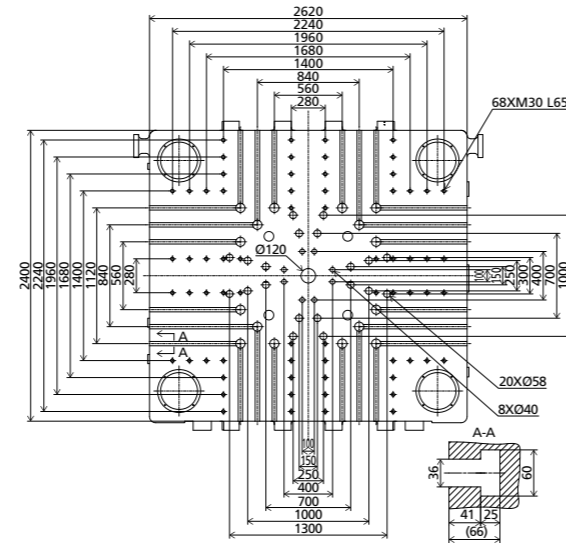
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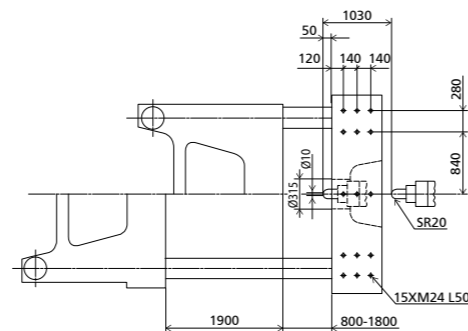
## Logistics Specific Machine HA25000/42000 pegasus

		42000
<b>INJECTION UNIT</b>		
Screw diameter	mm	190
Screw L/D ratio	L/D	22.4
Injection volume (theoretical)	cm <sup>3</sup>	29147
Injection weight (PS)	g	26523
Injection rate	g/s	1815
Injection pressure	MPa	143
Plasticizing rate (GPPS) ①	g/s	/
Plasticizing rate (HDPE) ②	g/s	305
Screw speed	rpm	0~65
<b>CLAMPING UNIT</b>		
Three-Platen		
Clamping force	kN	25000
Mold opening stroke	mm	1900
Dist. between tie bars (H×V)	mm	1850×1620
Mold height max.	mm	1800
Mold height min.	mm	800
Ejector stroke	mm	450
Ejector force	kN	430
<b>OTHERS</b>		
Pump motor power	kW	85×2+55
Heater power	kW	212
Machine dimension (L×W×H)	m	18.69×3.75×4.53
Machine weight	t	164
Hopper capacity	kg	400
Oil tank	l	2250

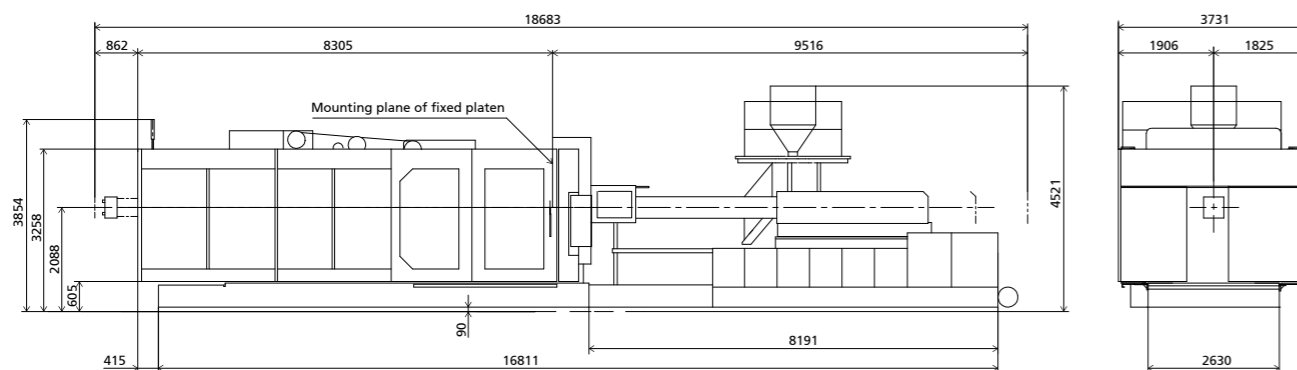
Moving platen dimensions



Platen side dimensions



Machine dimensions



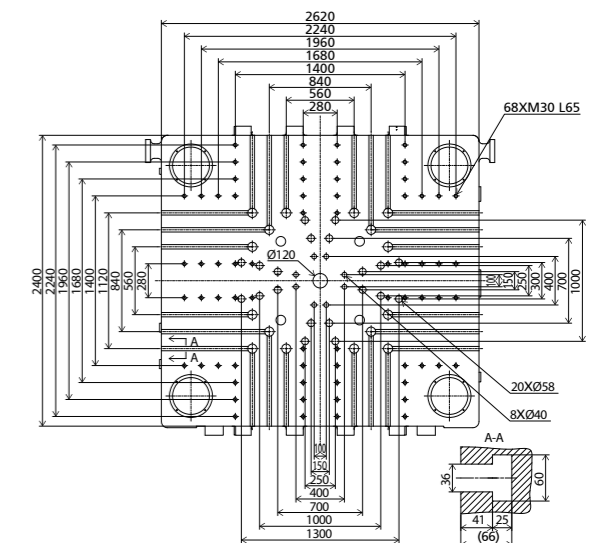
Note: ① Plasticizing rate(GPPS): GB standard,with application of GPPS plasticizing capacity of 3-zone screws  
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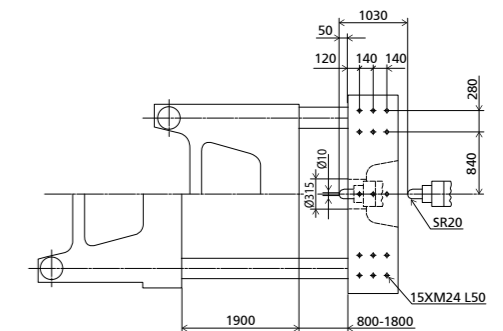
## Logistics Specific Machine HA25000/48000 pegasus

		48000
<b>INJECTION UNIT</b>		
Screw diameter	mm	200
Screw L/D ratio	L/D	23
Injection volume (theoretical)	cm <sup>3</sup>	35154
Injection weight (PS)	g	31991
Injection rate	g/s	2021
Injection pressure	MPa	151
Plasticizing rate (GPPS) ①	g/s	/
Plasticizing rate (HDPE) ②	g/s	330
Screw speed	rpm	0~60
<b>CLAMPING UNIT</b>		
Three-Platen		
Clamping force	kN	25000
Mold opening stroke	mm	1900
Dist. between tie bars (H×V)	mm	1850×1620
Mold height max.	mm	1800
Mold height min.	mm	800
Ejector stroke	mm	450
Ejector force	kN	430
<b>OTHERS</b>		
Pump motor power	kW	85×3
Heater power	kW	245.6
Machine dimension (L×W×H)	m	19.26×3.75×4.53
Machine weight	t	167
Hopper capacity	kg	400
Oil tank	l	2650

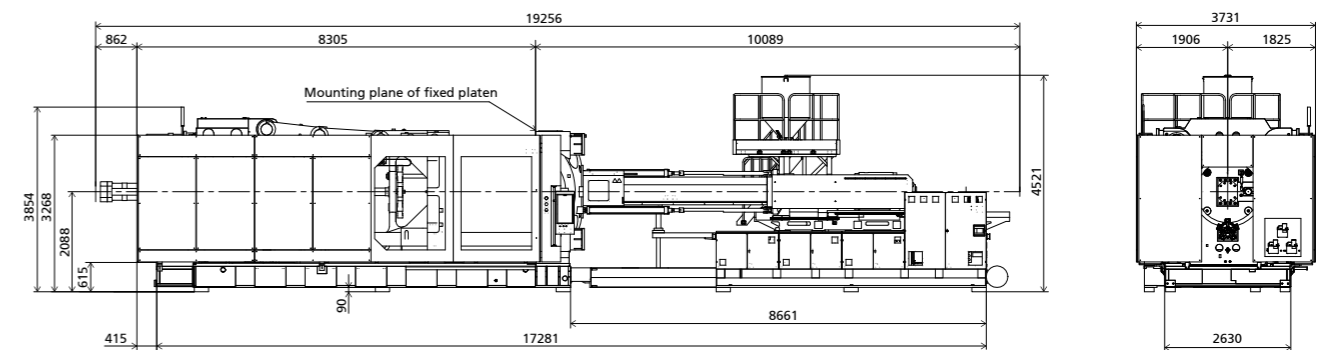
Moving platen dimensions



Platen side dimensions



Machine dimensions



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② Plasticizing rate(HDPE): Euromap 19,with application of HDPE plasticizing capacity of barrier screws

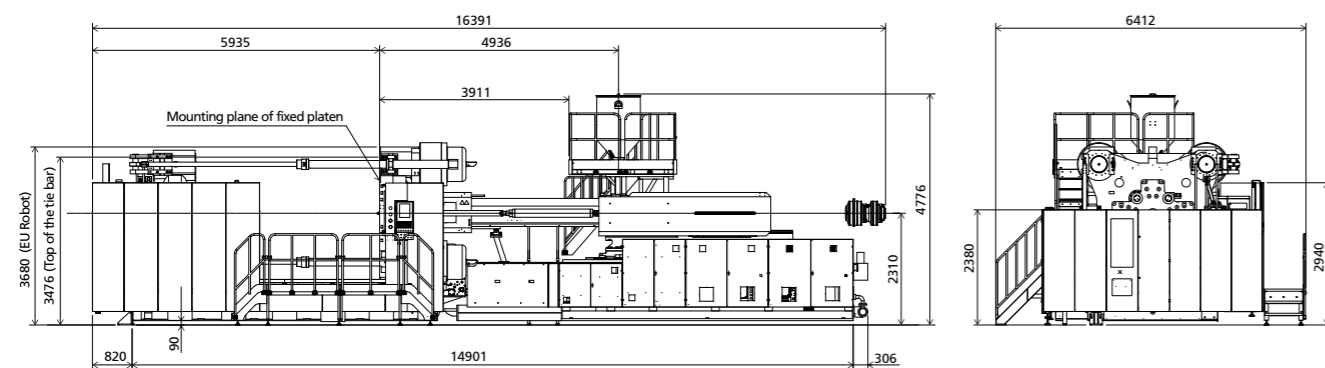
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## Logistics Specific Machine HA27000/62300 pegasus

		62300	Moving platen dimensions
<b>INJECTION UNIT</b>			
Screw diameter	mm	220	
Screw L/D ratio	L/D	20.5	
Injection volume (theoretical)	cm <sup>3</sup>	45616	
Injection weight (PS)	g	41510	
Injection rate	g/s	2492	
Injection pressure	MPa	119	
Injection pressure ( max )	MPa	134	
Plasticizing rate (HDPE)①	g/s	370	
Screw speed	rpm	0~53	
<b>CLAMPING UNIT</b>			
		Two-Platen	
Clamping force	kN	27000	
Mold opening stroke	mm	2840/1640	
Dist. between tie bars (HxV)	mm	1875x1675	
Mold height max.	mm	2160	
Mold height min.	mm	960	
Ejector stroke	mm	500	
Ejector force	kN	450	
Mold opening stroke	mm	3800	
Max. mold weight	t	59	
<b>OTHERS</b>			
Pump motor power	kW	75x3+30	
Heater power	kW	223	
Machine dimension (LxWxH)	m	16.4x6.5x4.8	
Machine weight	t	147.5	
Hopper capacity	kg	400	
Oil tank②	l	2880	

### Machine dimensions



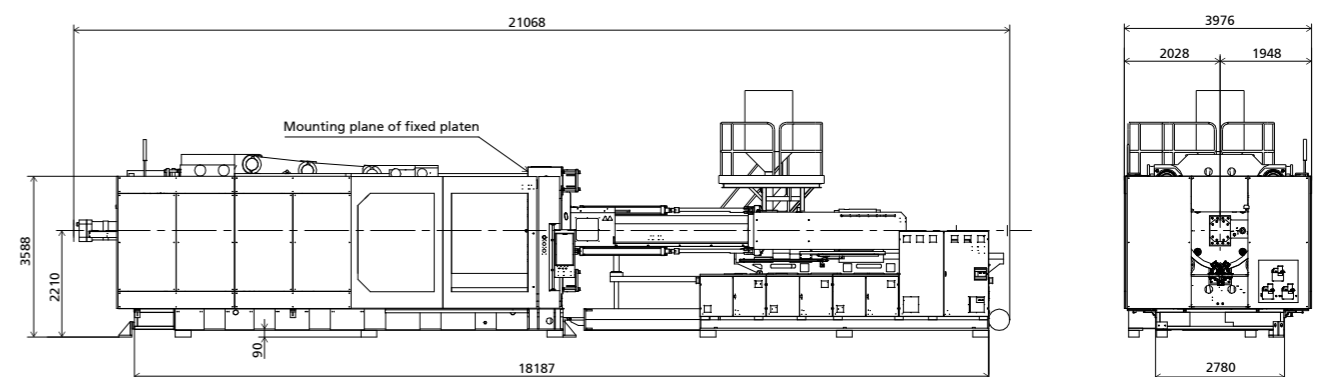
Note: ① Plasticizing rate(GPPS): GB standard,with application of GPPS plasticizing capacity of 3-zone screws  
② Plasticizing rate(HDPE): Euromap 19,with application of HDPE plasticizing capacity of barrier screws

We reserve the right to make changes as a result of further technical advantages.

## Logistics Specific Machine HA29000/58000 pegasus

		58000	Moving platen dimensions	
<b>INJECTION UNIT</b>				
Screw diameter	mm	215		
Screw L/D ratio	L/D	23		
Injection volume (theoretical)	cm <sup>3</sup>	43530		
Injection weight (PS)	g	39612		
Injection rate	g/s	2211		
Injection pressure	MPa	138		
Plasticizing rate (GPPS) ①	g/s	/		
Plasticizing rate (HDPE) ②	g/s	350		
Screw speed	rpm	0~50		
<b>CLAMPING UNIT</b>				
		Three-Platen		
Clamping force	kN	29000		
Mold opening stroke	mm	2000		
Dist. between tie bars (HxV)	mm	2000x1750		
Mold height max.	mm	1900		
Mold height min.	mm	1000		
Ejector stroke	mm	450		
Ejector force	kN	430		
<b>OTHERS</b>				
Pump motor power	kW	85x3		
Heater power	kW	266.4		
Machine dimension (LxWxH)	m	21.1x4.0x4.9		
Machine weight	t	200		
Hopper capacity	kg	400		
Oil tank	l	2650		

### Machine dimensions



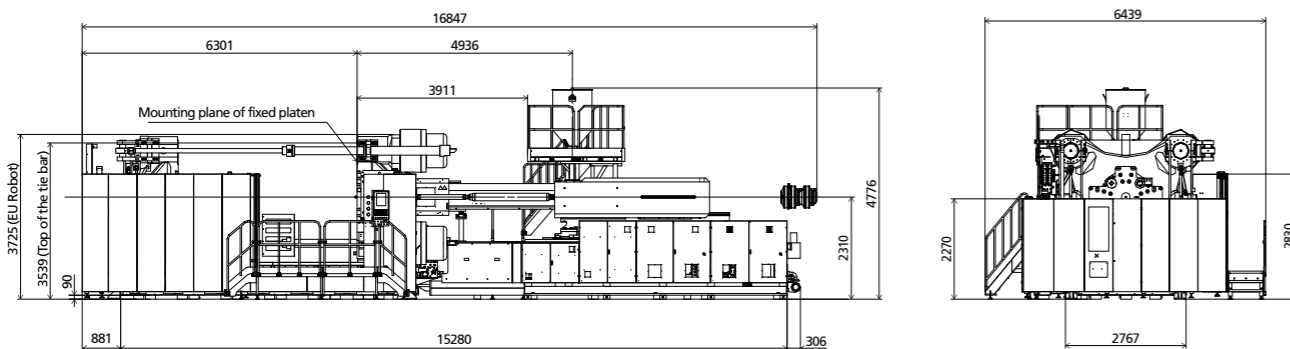
Note: ① Plasticizing rate(GPPS): GB standard,with application of GPPS plasticizing capacity of 3-zone screws  
② Plasticizing rate(HDPE): Euromap 19,with application of HDPE plasticizing capacity of barrier screws

We reserve the right to make changes as a result of further technical advantages.

# Logistics Specific Machine HA33000/62300 pegasus

		62300	Moving platen dimensions
<b>INJECTION UNIT</b>			
Screw diameter	mm	220	
Screw L/D ratio	L/D	20.5	
Injection volume (theoretical)	cm <sup>3</sup>	45616	
Injection weight (PS)	g	41510	
Injection rate	g/s	2492	
Injection pressure	MPa	119	
Injection pressure ( max )	MPa	134	
Plasticizing rate (HDPE)①	g/s	370	
Screw speed	rpm	0~53	
<b>CLAMPING UNIT</b>			
		Two-Platen	
Clamping force	kN	33000	
Mold opening stroke	mm	3300/2100	
Dist. between tie bars (HxV)	mm	2155x1725	
Mold height max.	mm	2000	
Mold height min.	mm	800	
Ejector stroke	mm	500	
Ejector force	kN	450	
Mold opening stroke	mm	4100	
Max. mold weight	t	66	
<b>OTHERS</b>			
Pump motor power	kW	75x3+30	
Heater power	kW	223	
Machine dimension (LxWxH)	m	16.9x5.59x4.78	
Machine weight	t	165	
Hopper capacity	kg	400	
Oil tank②	l	2880	

## Machine dimensions



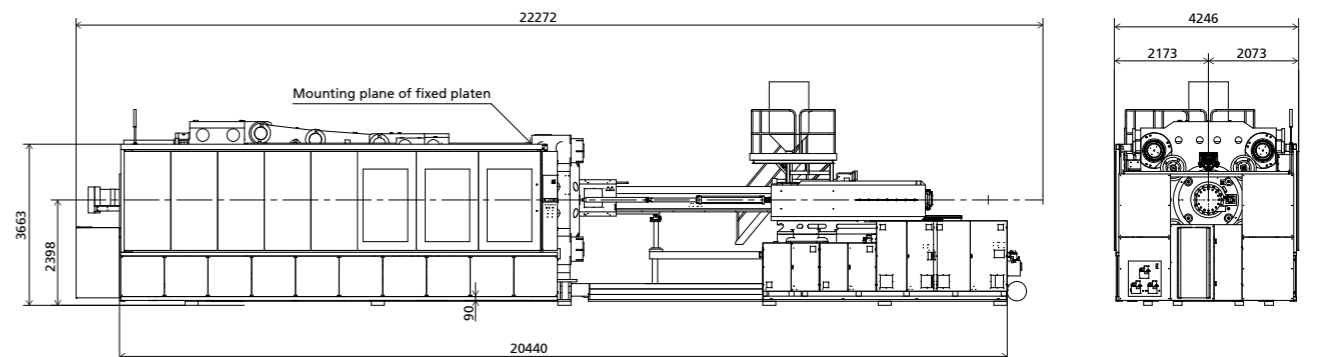
Note: ① Plasticizing rate(GPPS): GB standard,with application of GPPS plasticizing capacity of 3-zone screws  
 ② Plasticizing rate(HDPE): Euromap 19,with application of HDPE plasticizing capacity of barrier screws

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# Logistics Specific Machine HA33500/62000 pegasus

		62000	Moving platen dimensions	
<b>INJECTION UNIT</b>				
Screw diameter	mm	230		
Screw L/D ratio	L/D	23		
Injection volume (theoretical)	cm <sup>3</sup>	52558		
Injection weight (PS)	g	47827		
Injection rate	g/s	2697		
Injection pressure	MPa	141		
Plasticizing rate (GPPS) ①	g/s	/		
Plasticizing rate (HDPE) ②	g/s	360		
Screw speed	rpm	0~45		
<b>CLAMPING UNIT</b>				
		Three-Platen		
Clamping force	kN	33500		
Mold opening stroke	mm	2150		
Dist. between tie bars (HxV)	mm	2160x1900		
Mold height max.	mm	1900		
Mold height min.	mm	900		
Ejector stroke	mm	500		
Ejector force	kN	550		
<b>OTHERS</b>				
Pump motor power	kW	85x3+65		
Heater power	kW	278		
Machine dimension (LxWxH)	m	22.3x4.3x5.1		
Machine weight	t	255		
Hopper capacity	kg	400		
Oil tank	l	3270		

## Machine dimensions



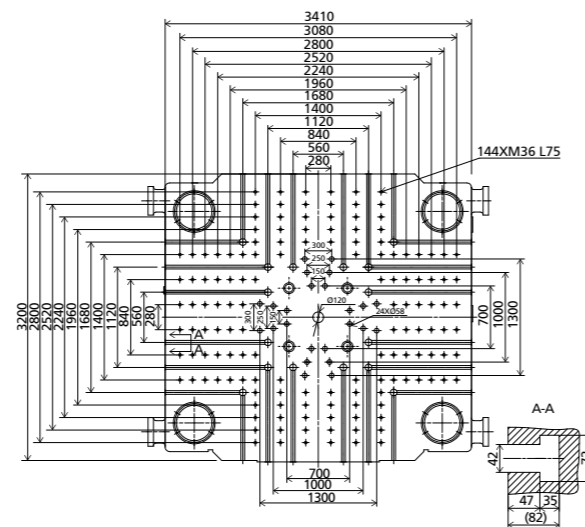
Note: ① Plasticizing rate(GPPS): GB standard,with application of GPPS plasticizing capacity of 3-zone screws  
 ② Plasticizing rate(HDPE): Euromap 19,with application of HDPE plasticizing capacity of barrier screws

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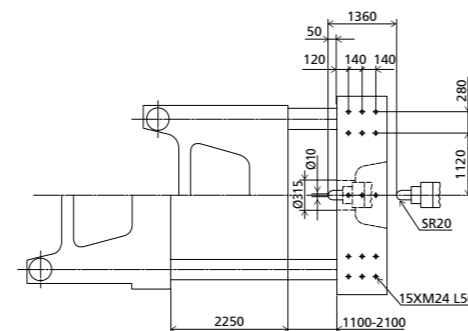
# Logistics Specific Machine HA41000/89000 pegasus

		89000
<b>INJECTION UNIT</b>		
Screw diameter	mm	240
Screw L/D ratio	L/D	23
Injection volume (theoretical)	cm <sup>3</sup>	60168
Injection weight (PS)	g	54753
Injection rate	g/s	2939
Injection pressure	MPa	156
Plasticizing rate (GPPS) ①	g/s	/
Plasticizing rate (HDPE) ②	g/s	376
Screw speed	rpm	0~40
<b>CLAMPING UNIT</b>		
Three-Platen		
Clamping force	kN	41000
Mold opening stroke	mm	2250
Dist. between tie bars (H×V)	mm	2400×2000
Mold height max.	mm	2100
Mold height min.	mm	1100
Ejector stroke	mm	550
Ejector force	kN	550
<b>OTHERS</b>		
Pump motor power	kW	85×4+55
Heater power	kW	290.1
Machine dimension (L×W×H)	m	23.5×4.7×5.2
Machine weight	t	345
Hopper capacity	kg	400
Oil tank	l	3920

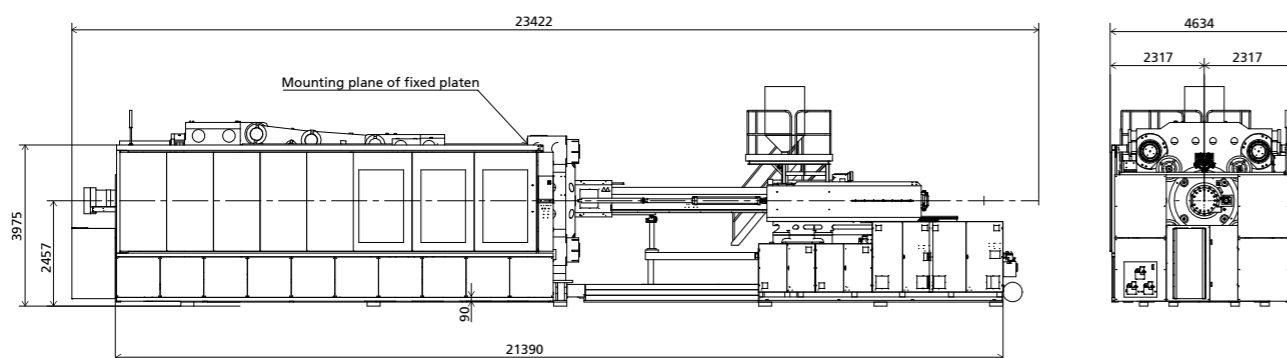
Moving platen dimensions



Platen side dimensions



Machine dimensions



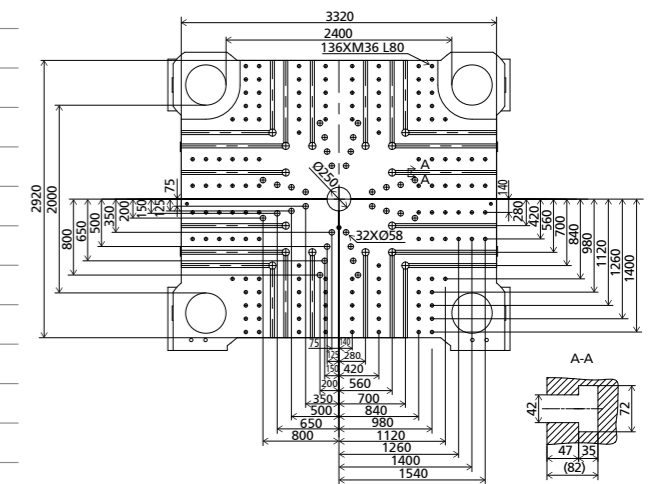
Note: ① Plasticizing rate(GPPS): GB standard,with application of GPPS plasticizing capacity of 3-zone screws  
② Plasticizing rate(HDPE): Euromap 19,with application of HDPE plasticizing capacity of barrier screws

We reserve the right to make changes as a result of further technical advantages.

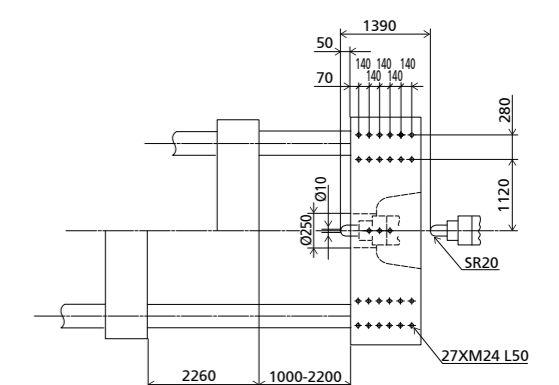
# Logistics Specific Machine HA41000/93300 pegasus

		93300
<b>INJECTION UNIT</b>		
Screw diameter	mm	240
Screw L/D ratio	L/D	23
Injection volume (theoretical)	cm <sup>3</sup>	60168
Injection weight (PS)	g	54753
Injection rate	g/s	2860
Injection pressure	MPa	141
Injection pressure ( max )	MPa	156
Plasticizing rate (HDPE)①	g/s	470
Screw speed	rpm	0~50
<b>CLAMPING UNIT</b>		
Two-Platen		
Clamping force	kN	41000
Mold opening stroke	mm	3460/2260
Dist. between tie bars (H×V)	mm	2400×2000
Mold height max.	mm	2200
Mold height min.	mm	1000
Ejector stroke	mm	550
Ejector force	kN	580
Mold opening stroke	mm	4460
Max. mold weight	t	86
<b>OTHERS</b>		
Pump motor power	kW	75×5
Heater power	kW	290
Machine dimension (L×W×H)	m	19.33×6.05×5.05
Machine weight	t	226.7
Hopper capacity	kg	400
Oil tank②	l	3940

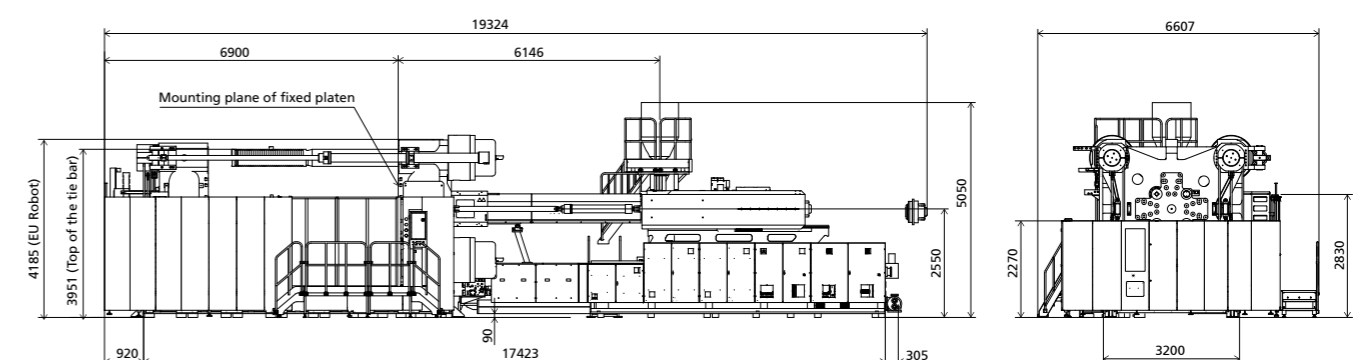
Moving platen dimensions



Platen side dimensions



Machine dimensions



Note: ① Plasticizing rate(GPPS): GB standard,with application of GPPS plasticizing capacity of 3-zone screws  
② Plasticizing rate(HDPE): Euromap 19,with application of HDPE plasticizing capacity of barrier screws

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