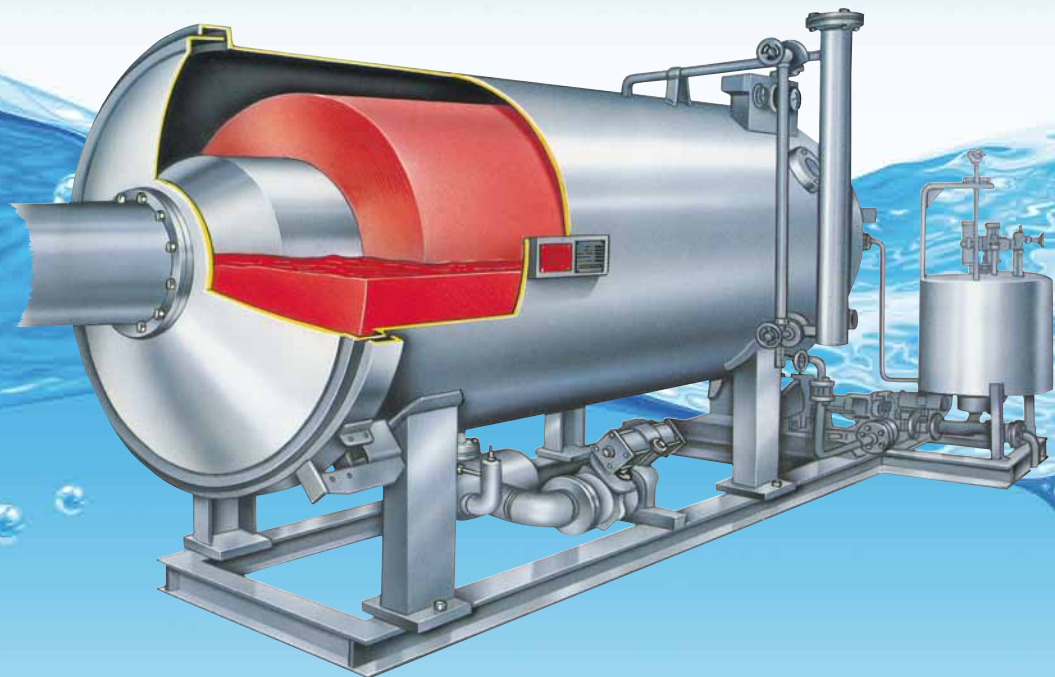


High Performance and High Pressure
BEAM DYEING

MODEL **LLB**
Low Liquid Beam
dyeing machine



**Excellent
Versatility**

**HISAKA's beam dyeing technology
that for a wide range of fabrics.**

Dye uniformly from extremely low density to high density.

Applicable fabrics :

- Nonwoven fabrics • High density Taffeta (PET, Ny)
- Inner material • Tricot • Organdy • Shear

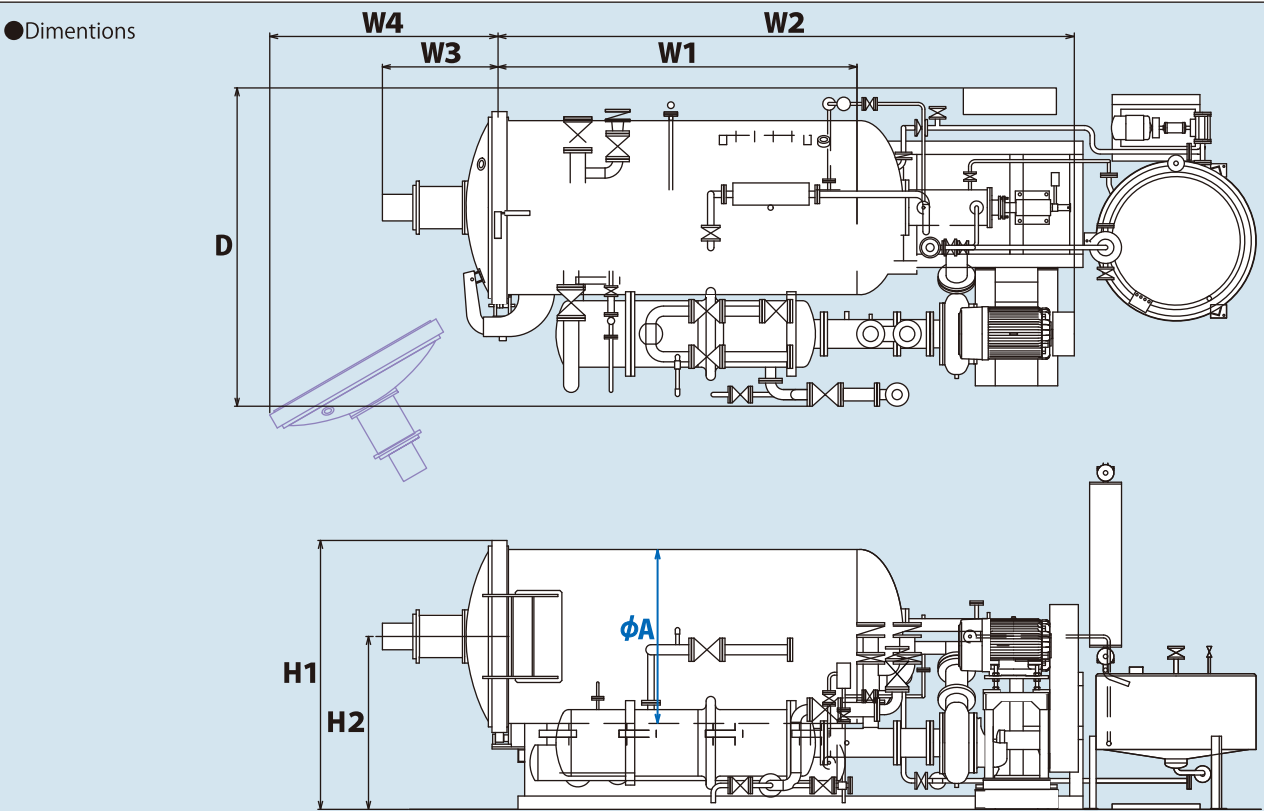
High Performance

- High temperature drainage system
- Automatic injecting control system
- Automatic flow rate adjustment system
- Automatic differential pressure control system

**Labor Saving
& Unmanned System**

- Dye-kitchen system
- Beam carrier automatic loading /unloading system
- Beam carrier unmanned transport system
- Automatic desorption system for winding machine

MODEL **LLB** **Low Liquid Beam
dyeing machine**



MODEL	φA	W1	W2	W3	W4	H1	H2	D
LLB- 48/22	480	2200	3500	700	800	2100	850	1500
LLB- 70/22	700	2200	3500	800	1000	1700	850	1900
LLB- 90/22	900	2200	3800	850	1300	2100	1000	2200
LLB-110/22	1100	2200	4000	900	1500	2200	1100	2300
LLB-120/22	1200	2200	4200	900	1600	2300	1100	2700
LLB-130/22	1300	2200	4300	900	1700	2500	1200	2700
LLB-140/22	1400	2200	5000	1000	1800	2600	1300	2800
LLB-160/22	1600	2200	5800	1000	2000	2600	1300	3000
LLB-180/22	1800	2200	6000	1100	2200	2700	1400	3300
LLB-200/22	2000	2200	6300	1200	2400	2800	1500	3600

(Unit: mm)

**HISAKA's high-performance Beam Dyeing system
that approaches to a new era.**



- Reduction of accident rate
- Uniform dyeing
- Increase in relative contact count
- Uniform of dye concentration
- Uniform temperature of dye liquid
- Shortening of dyeing time



**Cost
Reduction**
(Reduce running costs
& conserve resources.)

- Low Liquid ratio Dyeing
(Liquid ratio 1:5 ~ 1:8)
- Utility halved
Reduction of Auxiliaries