

IML Robot Comparison Reference

Seven named brochure models | Drive, robot dimensions and equipment weights

Model / source page	Printed servo coordinates / fixture rotation	Robot A / B / C (mm)	Equipment weight (kg)
HT-T20A Brochure p.04	Servo X/Y/Z/A/B/Y1 Rotation: Servo motor	3100 / 2200 / Confirm	2500
HT-HD(F) Brochure p.05	Servo X/Y/Z/A/B Rotation: Servo motor	3100 / 2800 / Confirm	2800
HT-16PDA Brochure p.06	Servo X/Y/Z/B Rotation: Servo motor	4250 / 2500 / 2100	Robot 1000 Magazine 400
HT-14PDA Brochure p.07	Servo X/Y/Z Rotation: Cylinder / servo motor (as printed)	3850 / 1750 / 1950	Robot 550 Magazine 300
HT-14PDF Brochure p.08	Servo X/Y/Z Rotation: Not stated	3750 / 2000 / 1775	Robot 550 Magazine 210
HT-13PDA Brochure p.09	Servo X/Y/Z Rotation: Cylinder / servo motor (as printed)	3060 / 1560 / 1570	Robot 400 Magazine 300
HT-12DPD Brochure p.10	Servo X1/X2/Y1/Y2/Z Rotation: Not stated	3130 / 1620 / 1860	Robot 570 Magazine 260

Read the fields correctly. A/B/C are robot length/width/height. Confirm means the source marks height as pending; do not use it for installation design. Servo coordinates are reproduced as printed, not a new axis count. Cylinder/servo entries do not select an option or define A/S variants.

Layout limits. Equipment weight is not handled payload or foundation load. Robot and magazine masses remain separate. Robot dimensions do not establish stroke, EOAT envelope, guarding, label refill or service clearance.

[Current model comparison](#) | [Machine and mold integration](#) | [Engineering RFQ](#)

Power Supply and Air Use

Compare the listed supply references, then confirm the proposed cell requirements.

Model (source on page 1)	Supply voltage	Power capacity (kVA)	Air use (NL/cycle)
HT-T20A	380 V AC	12	50
HT-HD(F)	380 V AC	12	70
HT-16PDA	380 V AC	6	30
HT-14PDA	380 V AC	4	20
HT-14PDF	380 V AC	Not stated	30
HT-13PDA	380 V AC	3	20
HT-12DPD	220 V AC	Not stated	30

Electrical: kVA is listed power capacity, not kW or measured energy use. AC voltage alone does not establish phase, frequency, wiring or protection. Not stated means the model table provides no capacity value.

Compressed air: NL/cycle does not establish pressure, peak flow, air quality or compressor size. No air pressure is inferred for these models.

Before requesting a configuration

Share the container and label drawings, cavity arrangement, molding-machine details, installation space, EOAT/task and intended cycle requirement. Confirm the model and configuration with the tooling and automation teams; these references do not establish machine compatibility, accepted cycle/output, an exact project-video mapping or FAT results.

Source: HecosTech supplied brochure, PDF pages 4-7 (printed pages 04-10), recorded 21 Oct 2026. An independently released technical revision has not been established. Confirm current specifications and configuration in the project proposal; this reference does not replace it.

[Compare current IML models](#) | [Review machine and mold interfaces](#) | [Request engineering review](#)