

SPERANTE



STUDIO REFORMERS · SOLID BEECH · TÜRKIYE

Built for the tenth year.

Sperante builds studio-grade Pilates reformers in solid European beech and ships them to distributors and studio groups across Europe, Russia and the Gulf. Every frame is run to 250,000 loaded cycles before it is allowed a serial number.

Product catalogue 2026 · sperante.com

THE WORKSHOP

Forty frames a week, and a signature on each one.

Sperante is a joinery workshop that learned Pilates apparatus, not a fitness brand that outsourced a frame. The beech arrives as boards, is kiln-dried to 8 % moisture and rests four weeks in the same room where it will be cut — which is the only reliable way to stop a frame from moving after it reaches a humid studio.

One assembler builds one frame from bare timber to finished machine. Rails are machined, mounted and then shimmed to a common plane with the frame already assembled, because a rail set flat on a jig is not the same as a rail set flat on the frame it will live on.

Capacity is forty frames a week and we have refused orders rather than raise it. A distributor who books a container in March is told a date in March, and that is the entire commercial proposition.

250,000

LOADED CYCLES PER
FRAME

1.1 mm

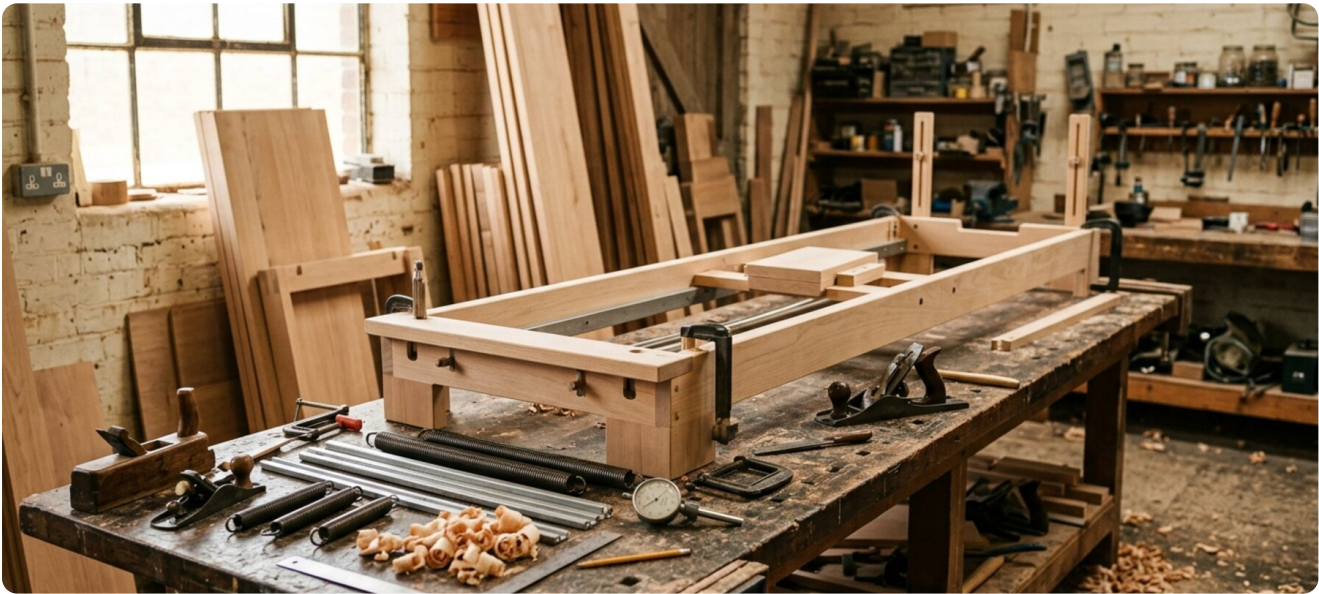
RAIL DEFLECTION AT 150
KG

34 dB

ROLLING NOISE AT 1 M

40

FRAMES PER WEEK



PRODUCT RANGE

Six machines, split by how a room is used.

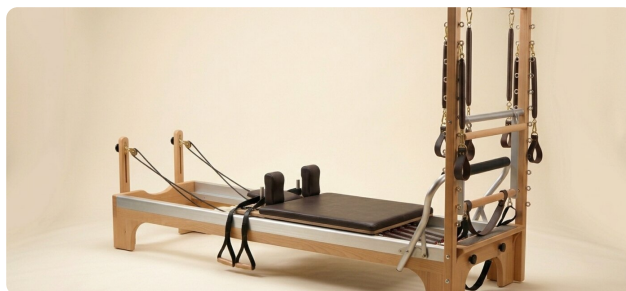
The range is divided by floor plan and class format, not by trim level. A group studio, a one-to-one practice and a rehabilitation clinic buy different machines off the same rails, the same carriage and the same upholstery — so a mixed order still reads as one set on the floor.



Sperante Studio

The reference frame. Solid European beech, 245 cm long, twin anodised aluminium rails and a carriage on eight sealed bearings. Five springs, 100 cm of travel, a four-position footbar and a three-position headrest. This is the machine a studio buys once and re-upholsters twice.

Frame 245 x 70 x 39 cm · Carriage travel 100 cm · Springs 5 · Max user 150 kg



Sperante Studio Tower

The Studio frame with a half-trapeze tower bolted to the foot end: push-through bar, roll-down bar, four spring eyelets at three heights. Adds tower repertoire to a reformer footprint without asking the studio for a second machine's worth of floor.

Frame 245 x 70 x 213 cm · Spring eyelets 12 · Bars push-through + roll-down · Max user 150 kg



Sperante Fold

Studio-grade running gear on a frame that folds to 132 cm at the hinge. Same rails, same carriage, same springs as the Studio — the compromise is storage, not feel. For home distribution lines and studios that clear the floor for mat classes.

Open 245 x 70 x 39 cm · Folded 132 x 70 x 58 cm · Springs 5 · Weight 58 kg



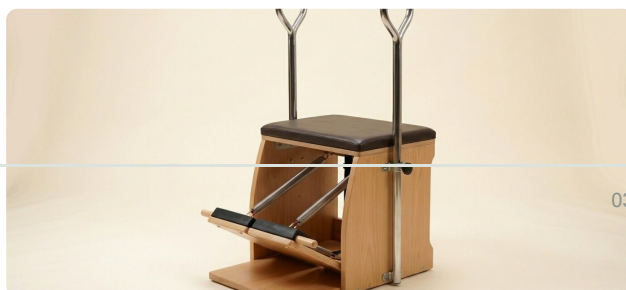
Sperante Group

Built for twelve classes a day. Anodised aluminium chassis over a beech deck, low profile so a row of ten reads level across a studio floor, and a spring bar the instructor can change one-handed between exercises.

Frame 244 x 68 x 34 cm · Chassis 6063-T5 aluminium · Springs 5 · Weight 52 kg



Sperante



03

Our reading on the left, the standard on the right.

Values are from the current production batch and the test log that accompanies it.
Where a European standard sets the limit we name the standard; where we set it ourselves we say so, because an in-house limit and a legal one are not the same thing and pretending otherwise is how this trade loses buyers.

PARAMETER	UNIT	SPERANTE	LIMIT / STANDARD
Frame length	cm	245	± 3 mm build tolerance
Carriage travel	cm	100	— declared
Declared maximum user mass	kg	150	EN ISO 20957-1, declared by maker
Endurance test completed	cycles	250,000	Class S requires 100,000
Rail deflection at 150 kg	mm	1.1	in-house reject above 3.0
Rolling noise at 1 m	dB(A)	34	in-house reject above 45
Frame timber moisture at assembly	%	8 ± 1	EN 942 interior joinery
Formaldehyde emission, frame	ppm	0.03	EN 717-1 class E1 <= 0.1
Upholstery abrasion	Martindale cycles	100,000	EN ISO 12947-2, tested
Upholstery ignition	—	pass	EN 1021-1 and -2
Foam density	kg/m3	60	CMHR grade
Carriage bearings	—	8 x sealed ABEC-7	— declared
Spring rate, medium	N/mm	0.42	± 5 % between springs of a set
Surface finish VOC	g/l	< 90	Directive 2004/42/EC <= 130
Assembly time, one person	min	25	— measured, not estimated

EN ISO 20957-1 covers stationary training equipment and Class S is the designation for equipment used in studios, clubs, rehabilitation centres and other supervised training areas — as distinct from Class H for home use. The endurance protocol loads the machine to the declared maximum user mass with all springs engaged and cycles it at 80 % of carriage travel.

How many go in a box, before you ask.

Figures are for export cartons floor-loaded without pallets, calculated from carton dimensions against internal container dimensions. Every item on this list fills the box by volume long before it reaches the payload limit.

ITEM	CARTON (CM)	GROSS (KG)	20 FT	40 FT	40 FT HC	45 FT	TRUCK
Sperante Studio	252 x 78 x 44	76	30	60	72	90	90
Sperante Studio Tower	2 cartons / set	104	22	46	56	68	68
Sperante Fold	132 x 76 x 62	64	36	81	108	120	120
Sperante Group	250 x 74 x 33	58	42	84	96	120	120
Sperante Combo Cadillac	2 cartons / set	132	16	34	40	48	48
Sperante Chair	76 x 66 x 74	41	72	162	162	180	180

Volume is binding, not weight: a 40 ft HC filled with 72 Studio reformers weighs 5.5 t against a 26 t payload, which is why mixed loads of reformers and chairs are cheaper per unit than either alone. Palletised loading costs roughly 12 % of these counts. Truck figures are for a 13.6 m mega trailer. Send the mix and the destination port and we return an exact stow plan with the quotation.

Seven stations, and the sixth is the one that matters.

Cutting makes the shape. Shimming the rails decides whether the machine is still silent in year five — which is why it happens last, on the assembled frame, by hand, and not on a jig.

01	Timber intake European beech arrives as boards, is graded for grain and knot, and anything with a defect near a bolt line is rejected at the door rather than found at assembly.
02	Kiln and rest Kiln-dried to 8 % moisture, then rested four weeks in the assembly room itself. A frame that is cut at the same humidity it will be built at does not fight itself later.
03	Cut and joint Mortise and tenon at the load-bearing corners, bolted through with steel inserts at the rail line. Timber carries the shape, steel carries the load.
04	Finish Hardwax oil in three coats, sanded between, under 90 g/l VOC. Oil is repairable in a studio; a lacquer chip is a service visit.
05	Upholstery 60 kg/m3 CMHR foam under marine-grade PU, tested to 100,000 Martindale cycles and to EN 1021-1 and -2 for ignition. Panels are removable and sold as a spare.
06	Rails and shim Rails are mounted on the finished frame, then shimmed to a common plane by hand against a dial gauge. Deflection at 150 kg must read under 3.0 mm; ours read 1.1 mm.
07	Cycle and sign 250,000 loaded cycles, a noise reading at one metre, and a signature on the underside with the serial and the date. The test log leaves with the machine.

The document set a distributor opens first.

EN ISO 20957-1	Stationary training equipment, general safety requirements and test methods — Class S, studio use
EN 1021-1 / -2	Upholstered furniture ignition, cigarette and match flame equivalent — tested on the panel in production
EN ISO 12947-2 Sperante	Martindale abrasion, 100,000 cycles on the uphoistery in production
EN 717-1	Formaldehyde emission, class E1 — reading 0.03 ppm against a 0.1 ppm limit

CONTACT

Send the mix. We will send the stow plan.

Tell us the models, the annual quantity and the destination port. You get a unit price, a container loading plan and a delivery date — usually within the same working day.

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