

BUYER DOCUMENT 02 / QUALITY CONTROL

GYM RACK QUALITY INSPECTION CHECKLIST

A final-release checklist connecting the approved drawing to structure, moving parts, hardware, functions, accessories and wooden-crate packing.

RACK PLATFORM	RATED LOAD	MOQ	PACKING
75 x 75 x 3 mm Q235	300 kg	1 unit	Wooden crate

FINAL RELEASE TABLE

CHECKPOINT	WHAT IS CHECKED	RELEASE CONDITION	RESULT
Frame alignment and welded areas	Uprights, crossmembers, welded areas and hole alignment	Matches approved drawing; no visible structural defect	PASS / HOLD
Main rack material	75 x 75 x 3 mm Q235 fitness-equipment steel	Material, section and finish match the order	PASS / HOLD
Hardware completeness	Every bolt, nut, washer, pin and clip	Installed or grouped; count matches the list	PASS / HOLD
Pulley system	Material, size, bearing movement, position and alignment	Rotates freely and matches the cable layout	PASS / HOLD
Cable system	7 x 19 rope, routing, termination, tension and travel	Correctly seated; full travel without interference	PASS / HOLD
Smith movement and safeties	Guide-rod travel, catches, stops and working positions	Smooth travel; safeties engage at intended points	PASS / HOLD
Adjustment points	J-cups, spotter arms, carriages, bench positions and pins	Insert, lock, release and repeat correctly	PASS / HOLD
Functions and attachments	Handles, bars, ropes, landmine, storage and model functions	Function test complete; attachment count correct	PASS / HOLD
Surface color and condition	Coverage, requested color, adhesion and handling marks	Finish matches order and is ready for packing	PASS / HOLD
Accessories and wear parts	Attachments, grouped hardware, included tools and spares	Count matches the final packing list	PASS / HOLD
Wooden-crate release	Separation, foam, edges, grouping and crate integrity	Parts immobilized and protected for shipment	PASS / HOLD

INSPECTION RESPONSIBILITY

01	Incoming material: confirm material, tube dimensions and approved product specification.
02	Fabrication: review cutting, drilling, hole positions, frame alignment and welded areas.
03	Surface finish: check preparation, coating coverage, color and visible surface condition.
04	Assembly: install and account for hardware, attachments, guides, cables and adjustment parts.
05	Function test: operate moving parts, adjustments, catches and cable travel through the working range.
06	Packing release: match the machine, accessory list, wear-part spares and wooden-crate protection.

ORDER IDENTIFICATION

Model / drawing revision	
Order number	
Frame color / finish	
Inspector	
Inspection date	
Release decision	PASS / HOLD
Corrective action record	