PJA5 Pallet Truck Scales

Incline Accuracy Assured

Safe or Hazardous Area Use

Seamless Data Collection

Mobile Weighing Solutions

Configurable to Your Needs

METTLER TOLEDO

PJA5 Pallet Truck Scale Family
Mobile Weighing Accuracy Delivered

Today's manufacturing processes require strong controls and excellent process visibility throughout the entire plant – and weighing heavy goods is often part of the equation. Finding a scale that supports efficiency and quality while being easy to integrate into existing operations can be a challenge. The reliable and easy-to-operate PJA5 Pallet Truck Scale family eliminates integration headaches, becoming your go-to weighing solution in any industry or work environment.

Streamline Your Production
Discover the benefits of leaner manufacturing including reduced handling and lower costs when you weigh and travel at the same time. The flexibility of the PJA5 family also allows you to put valuable facility space usually reserved for static weighing equipment to more profitable use.

Prevent Costly Batch Rework
Enable consistent, accurate weighing with the easy-to-use scale interface and digital tilt sensor. The sensor compensates for uneven ground up to 1.5°, while the interface means easy weighing and results reading. These smart features enable weighing in most places and create tangible savings by eliminating errors and rework.
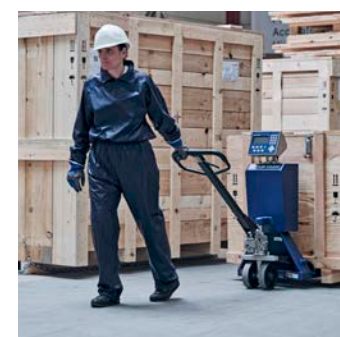
Never Miss a Data Point Again
Integrate weighing directly into your logistics process with Wi-Fi connectivity. Seamless, real-time data collection and visualization across both safe and hazardous areas will save time, ensure accurate records, and enable quicker decision-making to keep your operation running smoothly.

Ensure Safety in Hazardous Areas
Simplify equipment integration and operator training by selecting a pallet truck scale approved for use in both safe and hazardous areas. The PJA scale with intrinsically safe components can be used in the presence of volatile solvents or dust, providing workplace weighing flexibility and minimizing manual product handling.

PJA5
simplifies and strengthens your operation

- Up to 30% Better Productivity
- Reduced Costs Related to Operator Error
- End-to-End Data Traceability
- Integrated Safety and Compliance

Select Your Ideal Solution
## No More One-Size-Fits-All

Seamlessly integrate weighing into your processes by building the solution that satisfies your specific requirements. These easy-to-order pallet truck scales offer a wide range of features that can be mixed and matched to meet the challenges of your application – from varying load sizes and capacities to easy cleanability and hazardous area safety.

▶ **www.mt.com/PJA5**

Design for Durability
Select your scale material for maximum durability based on your specific weighing application and environment. To accommodate a variety of needs, the PJA5 family offers a mild painted steel material for dry environments and a stainless-steel option for corrosive or wet environments.
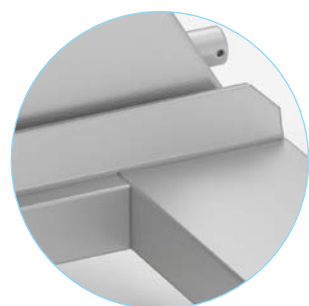
Reduce Contamination Risk
Stainless steel models are ideal for hygienic operations.
- All welds are continuous and polished.
- All direct touch surfaces are electropolished.
- The fork surfaces are completely closed.
- The undersides of the forks are open.

Enjoy Smooth, Safe Mobility
Match your wheels to your environment to achieve effortless steering and mobility. For safe-area applications, we offer polyurethane and nylon options; for hazardous area applications, you can be confident in the safety of your pallet truck with anti-static polyurethane or copper wheels.

Weigh Accurately (Almost) Anywhere
PJA5 family offers safe and hazardous area weighing application options, all of which include powerful digital tilt sensing and compensation technology. This means you can weigh just about anywhere in your facility – even on the kind of uneven surfaces that produce weighing errors for other scales.

The IND246 enables safe-area weighing, while IND256x is your choice for flexibility in safe and hazardous areas.

Learn more at:
▶ **www.mt.com/Indicators**

IND246 **IND256x** EX

> The PJA customization process was simple. We immediately realized a boost in efficiency without having to change our process at all.
> Operations Manager

Monitor Tilt for Accuracy
Always included, Power Tilt smart tilt management provides real-time monitoring of scale status. If the scale tilts more than 1.5°, an alarm sounds that the ground is too uneven to produce accurate weighing results. You are assured of high-quality weighing at all times.

PJA53_ Pallet Truck Scales
Technical Features – Safe Area Applications

Process Weighing Accuracy

Capacity	Readability	Typical Values*		
		Repeatability sd (at max load)	Error of indication (at half load)	Error of indication (at full load)
600 kg	0.1kg	30 g	50 g	60 g
1,500 kg	0.2 kg	60 g	90 g	120 g
2,000 kg	0.5 kg	70 g	100 g	150 g
5,000 lb	1 lb	0.15 lb	0.22 lb	0.33 lb

Approved Accuracy

600 kg	0.2kg	30 g	50 g	60 g
1,500 kg	0.5 kg	60 g	90 g	120 g
2,000 kg	1 kg	70 g	100 g	150 g
5,000 lb	1 lb	0.15 lb	0.22 lb	0.33 lb

Platform Size

Fork Length	A	1,150 mm / 45.3 in
Fork Width	B	160 mm / 6.3 in
Lowered Fork Height	C	85 mm / 3.3 in
Maximum Fork Height	D	200 mm / 7.9 in
Width over Forks	E	540 / 685 mm; 21.3 / 27.0 in
Height to Top Indicator	F	1,030 mm / 40.6 in

Load Cell and Suspension System

Load Cell	(-)	PJA534 0745A C3; PJA539 0745A C3
Suspension System	(-)	Semi-Rock Pin

Additional Features and Specifications

Pallet Truck Platform Material	Optional	PJA534 Mild Steel Painted; PJA539 Stainless Steel
Ingress Protection	Standard	Cabinet IP54; Terminal IP66
Surface Roughness	Standard	PJA539 Ra 3.2 μm
Steering and Loading Wheels	Optional	PJA534 Polyurethane Wheels; PJA539 Nylon Wheels
Pump Lock	Optional	-
Terminal Bracket	Standard	Rotating (Horizontal 270°, Vertical 45°)
Tilt Tolerances	Standard	0 ~ 1.5°
Battery Capacity	Standard	9.22Ah / 10.8V Li-Ion Battery
Battery Life	Standard	40 hours (Weak backlight brightness, No printer, No Wi-Fi)
		25 hours (Weak backlight brightness, No printer, Wi-Fi)
Charging Hours	Standard	6 Hours (Quick Charging, 75% full in 1 hour)
Automatic Switch-off	Standard	After 15 minutes
Printer	Optional	Thermal / Matrix
Terminal	Standard	IND246
Wi-Fi	Optional	Available on IND246
Compliance Certification	Metrology	OIML: R76/2006-A-NL1-24.21 Class III or
		IIII 300 kg ≤ Max ≤ 2000 kg e ≥ 50 g n ≤ 3000
		NTEP: 24-041 Class III Capacity: 1000lb to 5000 lb n_max: 5000 e_min: 0.2 lb

* At room temperature and stable environmental conditions without vibration and draft, with automated weight placement.

Learn more:
▶ **www.mt.com/PJA**

PJA53_ in stainless and painted steel models provides the level of durability you need for your weighing application.
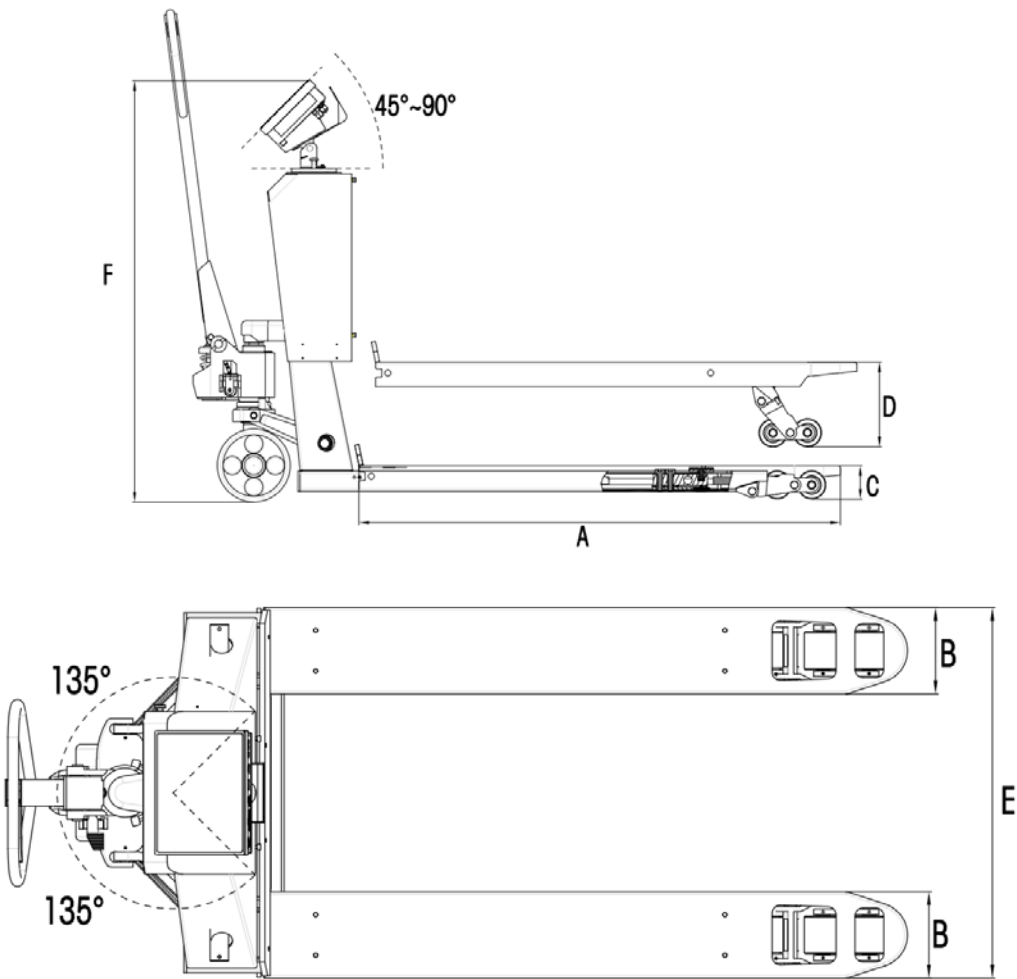
Choose platforms and dimensions that fit your process (see Platform Size at left).

PJA53_x Pallet Truck Scales
### Technical Features – Hazardous Area Applications

Process Weighing Accuracy

Capacity	Resolution	Typical Values*		
		Repeatability sd (at max load)	Error of indication (at half load)	Error of indication (at full load)
600 kg	0.1kg	30 g	50 g	60 g
1,500 kg	0.2 kg	60 g	90 g	120 g
2,000 kg	0.5 kg	70 g	100 g	150 g
5,000 lb	1 lb	0.15 lb	0.22 lb	0.33 lb

Approved Accuracy

600 kg	0.2kg	30 g	50 g	60 g
1,500 kg	0.5 kg	60 g	90 g	120 g
2,000 kg	1 kg	70 g	100 g	150 g
5,000 lb	1 lb	0.15 lb	0.22 lb	0.33 lb

Platform Size

Fork Length	A	1,150 mm / 45.3 in
Fork Width	B	160 mm / 6.3 in
Lowered Fork Height	C	85 mm / 3.3 in
Maximum Fork Height	D	200 mm / 7.9 in
Width over Forks	E	540 / 685 mm; 21.3 / 27.0 in
Height to Top Indicator	F	1,030 mm / 40.6 in

Load Cell and Suspension System

Load Cell	(-)	PJA534x 0745A_Ex C3; PJA539x 0745A_Ex C3
Suspension System	(-)	Semi-Rock Pin

Additional Features and Specifications

Ingress Protection	Standard	Cabinet IP54; Terminal IP66
Surface Roughness	Standard	PJA539x Ra 3.2 μm
Steering and Loading Wheels	Standard	Anti-Static Polyurethane Wheels
Pump Lock	Optional	-
Terminal Bracket	Standard	Rotating (Horizontal 270°, Vertical 45°)
Tilt Tolerances	Standard	0 ~ 1.5°
Battery Capacity	Standard	10 AH / 12 V NiMH
Battery Life	Standard	40 Hours (Weak backlight, No printing machine, No WiFi) 25 Hours (Weak backlight, No printing machine, Wi-Fi)
Charging Hours	Standard	6 Hours
Automatic Switch-off	Standard	After 15 minutes
Terminal	Standard	IND256x
Wi-Fi	Optional	Available on IND256x
Compliance Certification	Metrology	OIML: R76/2006-A-NL1-24.21 Class III or IIII 300 kg ≤ Max ≤ 2000 kg e ≥ 50 g n ≤ 3000 NTEP: 24-041 Class III Capacity: 1000 lb to 5000 lb nmax: 5000 emin: 0.2 lb
	Ex-proof	FM: Class I,II,III, DIV 1, GP CDEFG, T4 (with Wi-Fi) Class I,II,III, DIV 1, GP ABCDEFG, T4 (without Wi-Fi) Class I, Zone 1, AEx ib IIB T4 Gb (with Wi-Fi) Class I, Zone 1, AEx ib IIC T4 Gb (without Wi-Fi) Zone 21, AEx ib tb IIIC †135°C Db
		FMc: Class I,II,III, DIV 1, GP CDEFG, T4 (with Wi-Fi) Class I,II,III, DIV 1, GP ABCDEFG, T4 (without Wi-Fi) Class I, Zone 1, Ex ib IIB T4 Gb (with Wi-Fi) Class I, Zone 1, Ex ib IIC T4 Gb (without Wi-Fi) Zone 21, Ex ib tb IIIC †135°C Db
		IECEx: Ex h ib IIB T4 Gb (with Wi-Fi) Ex h ib IIC T4 Gb (without Wi-Fi) Ex h ib tb T135°C Db

* At room temperature and stable environmental conditions without vibration and draft, with automated weight placement.

Learn more:
▶ www.mt.com/PJA

Obtain flexibility for your operation by choosing scales approved for use in both safe and hazardous-area applications.
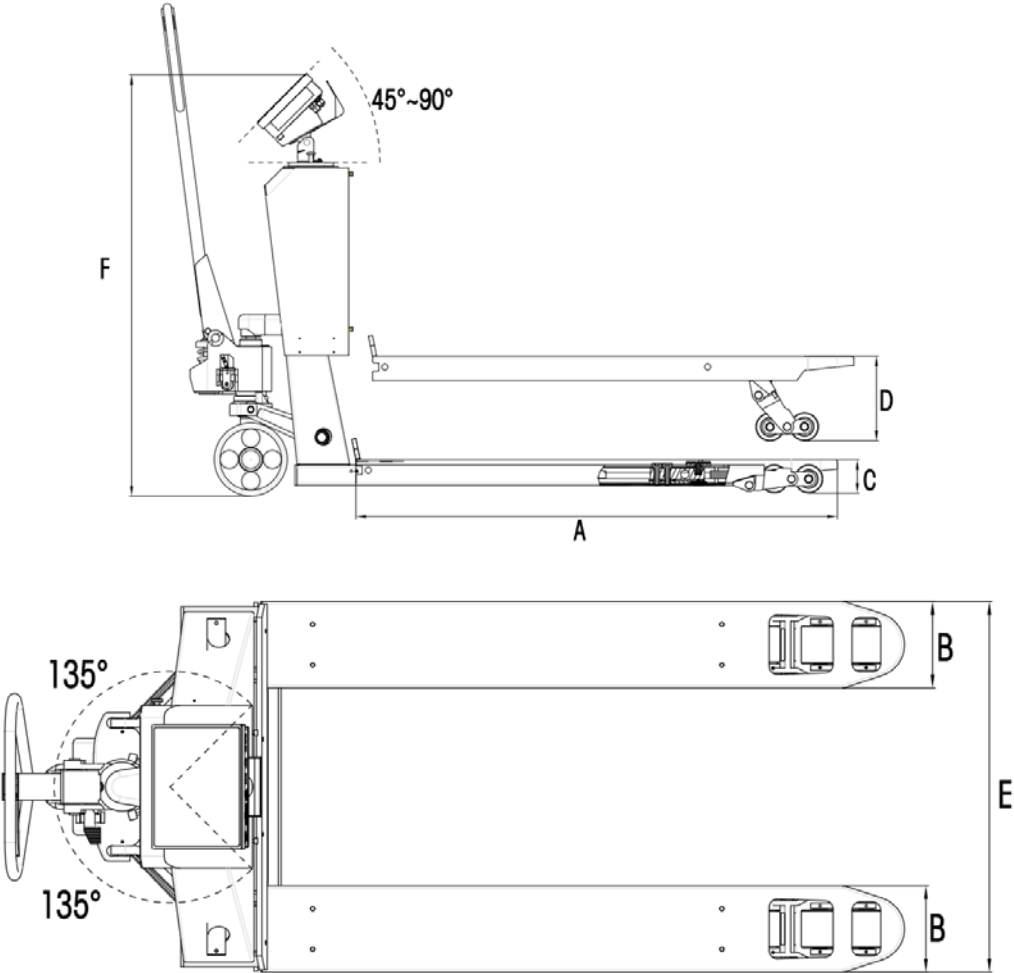
Choose platforms and dimensions that fit your process (see Platform Size at left).

Explore Our Service Solutions
Tailored to Fit Your Equipment Needs

METTLER TOLEDO Service delivers resources to enhance your efficiency, performance, and productivity by providing service packages that fit your operational needs, maximize your equipment lifetime, and protect your investment.

▶ **www.mt.com/IND-Service**

Start with professional installation
Installation services include support for your unique production situation:
- Professional IQ/OQ/PQ/MQ documentation
- Initial calibration and confirmation of fit-for-purpose
- Hazardous area installations

Calibrate for quality and compliance
The professional Accuracy Calibration Certificate (ACC) determines measurement uncertainty in use over the entire weighing range. Corresponding annexes give a clear pass/fail statement for specific tolerances applied, such as fit-for-purpose (GWP®), OIML R76, NTEP HB44, or other regulations.

Maintain accuracy over time
Receive professional guidance (GWP® Verification™), including a routine testing plan that specifies four key factors to maximize your efficiency and ensure quality:

- Tests to perform
- Weights to use
- Testing frequency
- Tolerances to apply

Extend your warranty coverage
Add two years of preventive maintenance and repair coverage to protect your equipment purchase and achieve maximum productivity and budget control.

Schedule maintenance
Full preventative maintenance plans offer inspection, functional testing, and proactive replacement of worn parts. Health inspections offer a full assessment of current equipment condition with professional maintenance recommendations.

www.mt.com/PJA5

For more information

ISO 9001 registered

ISO 14001 registered

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