

innovaction



Platformers Business

An innovative solution offers the best conditions for successful "Platformers Business". With this statement PB has been developing and produced self-propelled aerial platforms for over 25 years - made in Germany.

Through continuous and constructive dialogue with the owners and users the most advanced and most powerful self-propelled aerial platforms has been produced within the compact range.

- optimum manoeuvrability
- high capacity, large platform
- compact and low weight easy for transport
- low point loadings
- simple operation, precise control

Each PB platform combines all these advantages to create a unique solution. That offers both flexibility and innovation for your customers – and to create a successful "Business Platform" for you.

The main features are:



HEIGHT, LIFT & SHIFT





S225-12ES outdoor | 32KN vertical load



S195-12E | 600kg platform capacity



S171-12ES outdoor | 16KN vertical load



90° steering | Frontwheeldrive | Difflock

TOP12 Specifications

10,00 - 15,00 m / Typ PB	S101-12E	S121-12E	S131-12E	S131-12ES	S151-12E	S151-12ES
Einsatzbereich / operation area	in/+outdoor	in/+outdoor	in/+outdoor	in/+outdoor	in/+outdoor	in/+outdoor
Arbeitshöhe / Working height	10.20m	12.10m	13.00m	13.00m	15.01m	15.01m
Plattformhöhe / Platform height	8.20m	10.10m	11.00m	11.00m	13.01m	13.01m
Fahren in voller Höhe / Drive in full height	Ja/Yes	Ja/Yes	Ja/Yes	Ja/Yes	Ja/Yes	Ja/Yes
Plattformh. eingef. / Platform height stowed	1.37m	1.52m	1.54m	1.54m	1.70m	1.70m
Tragkraft / Platform capacity	450kg	350kg	700kg	700kg	550kg	550kg
Plattformmaße (LxB) / Platform size	2.60 x 1.19m	2.60 x 1.19m	2.90 x 1.19m	2.90 x 1.19m	2.90 x 1.19m	2.90 x 1.19m
Plattformmaße max./ max. platform size	3.60 x 1.19m	3.60 x 1.19m	3.90 x 1.19m	3.90 x 1.19m	3.90 x 1.19m	3.90 x 1.19m
Gesamtbreite / Overall width	1.20m	1.20m	1.20m	1.20m	1.20m	1.20m
Gesamtlänge / Overall length	2.73m	2.73m	2.95m	3.27m	2.95m	3.27m
Lenkeinschlag / Max. angle of turn	90 Grad	90 Grad	90 Grad	90 Grad	90 Grad	90 Grad
Wenderadius / Turning radius outside	2.50m	2.50m	2.82m	2.97m	2.82m	2.97m
Gesamthöhe eingef. / height lowered	2.50m	2.65m	2.70m	2.70m	2.90m	2.90m
Transporthöhe / transport height	1.69m	1.84m	1.86m	1.86m	2.06m	2.06m
Gesamtgewicht / Gross weight	2.800kg	2.880kg	5.000kg	5.300kg	5.390kg	4.780kg
Motorleistung / Motor (E/D)	8kW 48V	8kW 48V	8kW 48V	8kW 48V	8kW 48V	8kW 48V
Batteriekapazität / Capacity (E)	200 Ah5	200 Ah5	200 / opt. 400 Ah5		200 / opt. 400 Ah5	
Steigfähigkeit / Gradeability	25 %	25 %	25 %	25 %	25 %	25 %
Differentialsperre / Differential lock	Serie	Serie	Serie	Serie	Serie	Serie
Niveaueingleich / Levelling System	-	-	-	autom.	-	autom.
Stützhub Gesamt max. / Levelling stroke	-	-	-	350 mm	-	350 mm
Höhenausgleich max. / Height compensation	-	-	-	200 mm	-	200 mm
Max. Stützlast / max. bearing load	-	-	-	16 KN	-	16 KN
17,00 - 22,50 m / Typ PB	S171-12E	S171-12ES	S195-12E	S195-12ES	S225-12E	S225-12ES
Einsatzbereich / operation area	indoor	in/+outdoor	indoor	in/+outdoor	indoor	in/+outdoor
Arbeitshöhe / Working height	17.03m	17.03m	19.70m	19.70m	22.50m	22.50m
Plattformhöhe / Platform height	15.03m	15.03m	17.70m	17.70m	20.50m	20.50m
Fahren in voller Höhe / Drive in full height	Ja/Yes	Ja/Yes	Ja/Yes	Ja/Yes	Ja/Yes	Ja/Yes
Plattformh. eingef. / Platform height stowed	1.89m	1.89m	2.31m	2.31m	2.56m	2.56m
Tragkraft / Platform capacity	400kg	400kg	600kg	600kg	450kg	450kg
Plattformmaße (LxB) / Platform size	2.90 x 1.19m		3.98 x 1.19m	3.98 x 1.19m	3.98 x 1.19m	3.98 x 1.19m
Plattformmaße max./ max. platform size	3.90 x 1.19m	3.90 x 1.19m	5.48 x 1.19m	5.48 x 1.19m	5.48 x 1.19m	5.48 x 1.19m
Gesamtbreite / Overall width	1.20m	1.20m	1.20m	1.20m	1.20m	1.20m
Gesamtlänge / Overall length	2.95m	3.27m	4.14m	4.49m	4.14m	4.49m
Lenkeinschlag / Max. angle of turn	90 Grad	90 Grad	90 Grad	90 Grad	90 Grad	90 Grad
Wenderadius / Turning radius outside	2.82m	2.97m	3.89m	4.04m	3.89m	4.04m
Gesamthöhe eingef. / height lowered	3.06m	3.06m	3.47m	3.47m	3.72m	3.71m
Transporthöhe / transport height	2.23m	2.23m	2.64m	2.66m	2.89m	2.89m
Gesamtgewicht / Gross weight	4.670kg	5.120kg	8.820 kg	9.360kg	9.750kg	10.290kg
Motorleistung / Motor (E/D)	8kW 48V	8kW 48V	16kW 48V	16kW 48V	16kW 48V	16kW 48V
Batteriekapazität / Capacity (E)	200 / opt. 400 Ah5		560 Ah5 Aquamatik		560 Ah5 Aquamatik	
Steigfähigkeit / Gradeability	25 %	25 %	25 %	25 %	25 %	25 %
Differentialsperre / Differential lock	Serie	Serie	Serie	Serie	Serie	Serie
Niveaueingleich / Levelling System	-	autom.	-	autom.	-	autom.
Stützhub Gesamt max. / Levelling stroke	-	350 mm	-	400 mm	-	400 mm
Höhenausgleich max. / Height compensation	-	200 mm	-	200 mm	-	200 mm
Max. Stützlast / max. bearing load	-	16 KN	-	28 KN	-	32 KN

PB Standards

- Dual scissor system maintenance-free
- Corrosion protection + powder coated
- Weight control for platform and scissor system
- Control board + ground control system
- Telemetric Diagnose System PBdigiConnect

- Working height limitation
- Emergency operation electrical and manual

HEIGHT, LIFT & SHIFT



PB TOP16 SERIES | 1.60m semi | 13.00-17.00m | Electric



TOP16 Specifications

13.00 m / Typ PB	S131-16E	S131-16ES	S131-16EM	S131-16ESM
Einsatzbereich / operation area	in/+outdoor	in/+outdoor	Mega-Deck	Mega-Deck
Arbeitshöhe / Working height	13.00m	13.00m	13.00m	13.00m
Plattformhöhe / Platform height	11.00m	11.00m	11.00m	11.00m
Fahren in voller Höhe / Drive in full height	Ja/Yes	Ja/Yes	Ja/Yes	Ja/Yes
Plattformh. eingef. / Platform height stowed	1.54m	1.54m	1.62m	1.62m
Tragkraft / Platform capacity	700kg	700kg	500kg	500kg
Plattformmaße (LxB) / Platform size	3.08 x 1.58m	3.08 x 1.58m	4.10 x 1.58m	4.10 x 1.58m
Plattformmaße max./ max. platform size	4.08 x 1.58m	4.08 x 1.58m	6.20 x 1.58m	6.20 x 1.58m
Gesamtbreite / Overall width	1.60m	1.60m	1.60m	1.60m
Gesamtlänge / Overall length	3.18m	3.38m	4.14m	4.14m
Lenkeinschlag / Max. angle of turn	90 Grad	90 Grad	90 Grad	90 Grad
Wenderadius / Turning radius outside	3.20m	3.35m	3.55m	3.55m
Gesamthöhe eingef. / height lowered	2.70m	2.70m	2.90m	2.90m
Transporthöhe / transport height	1.86m	1.86m	2.03m	2.03m
Gesamtgewicht / Gross weight	4.420kg	5.050kg	4.810kg	5.290kg
Motorleistung / Motor (E/D)	8kW 48V	8kW 48V	8kW 48V	8kW 48V
Batteriekapazität / Capacity (E)	200 / opt. 400 Ah5	200 / opt. 400 Ah5	200 / opt. 400 Ah5	200 / opt. 400 Ah5
Steigfähigkeit / Gradeability	25 %	25 %	25 %	25 %
Differentialsperre / Differential lock	Serie	Serie	Serie	Serie
Niveaueausgleich / Levelling System	-	autom.	-	autom.
Stützhub Gesamt max. / Levelling stroke	-	350 mm	-	350 mm
Höhenausgleich max. / Height compensation	-	200 mm	-	200 mm
Max. Stützlast / max. bearing load	-	17 KN	-	18 KN

15,00 - 17,00 m / Typ PB	S151-16E	S151-16ES	S171-16E	S171-16ES
Einsatzbereich / operation area	in/+outdoor	in/+outdoor	in/+outdoor	in/+outdoor
Arbeitshöhe / Working height	15.01m	15.01m	17.03m	17.03m
Plattformhöhe / Platform height	13.01m	13.01m	15.03m	15.03m
Fahren in voller Höhe / Drive in full height	Ja/Yes	Ja/Yes	Ja/Yes	Ja/Yes
Plattformh. eingef. / Platform height stowed	1.70m	1.70m	1.89m	1.89m
Tragkraft / Platform capacity	550kg	550kg	400kg	400kg
Plattformmaße (LxB) / Platform size	3.08 x 1.58m	3.08 x 1.58m	3.08 x 1.58m	3.08 x 1.58m
Plattformmaße max./ max. platform size	4.08 x 1.58m	4.08 x 1.58m	4.08 x 1.58m	4.08 x 1.58m
Gesamtbreite / Overall width	1.60m	1.60m	1.60m	1.60m
Gesamtlänge / Overall length	3.18m	3.38m	3.18m	3.38m
Lenkeinschlag / Max. angle of turn	90 Grad	90 Grad	90 Grad	90 Grad
Wenderadius / Turning radius outside	3.20m	3.35m	3.20m	3.35m
Gesamthöhe eingef. / height lowered	2.90m	2.90m	3.06m	3.06m
Transporthöhe / transport height	2.06m	2.06m	2.21m	2.23m
Gesamtgewicht / Gross weight	4.940kg	5.530kg	5.120kg	5.590kg
Motorleistung / Motor (E/D)	8kW 48V	8kW 48V	8kW 48V	8kW 48V
Batteriekapazität / Capacity (E)	200 / opt. 400 Ah5	200 / opt. 400 Ah5	200 / opt. 400 Ah5	200 / opt. 400 Ah5
Steigfähigkeit / Gradeability	25 %	25 %	25 %	25 %
Differentialsperre / Differential lock	Serie	Serie	Serie	Serie
Niveaueausgleich / Levelling System	-	autom.	-	autom.
Stützhub Gesamt max. / Levelling stroke	-	350 mm	-	350 mm
Höhenausgleich max. / Height compensation	-	200 mm	-	200 mm
Max. Stützlast / max. bearing load	-	17 KN	-	17 KN

PB Standards

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- Weight control for platform and scissor system
- Control board + ground control system
- Telemetric Diagnose System PBdigiConnect

- Working height limitation
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HEIGHT, LIFT & SHIFT

Multi-Talent

- **Mega-Deck**
- **4x4 Electricpower - outdoor + indoor use**
- **Special applications** (downtown, tunnel, ...)



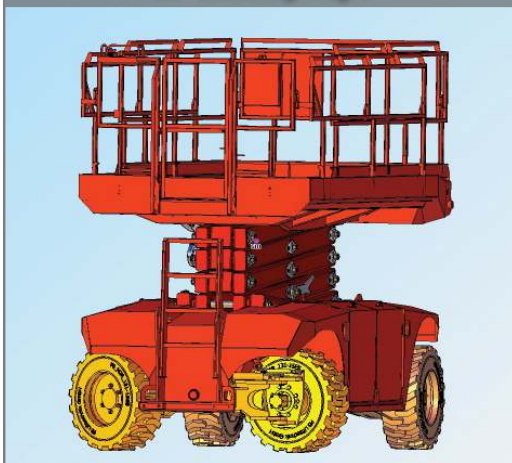
6.20 m Mega-Deck + full capacity on extension



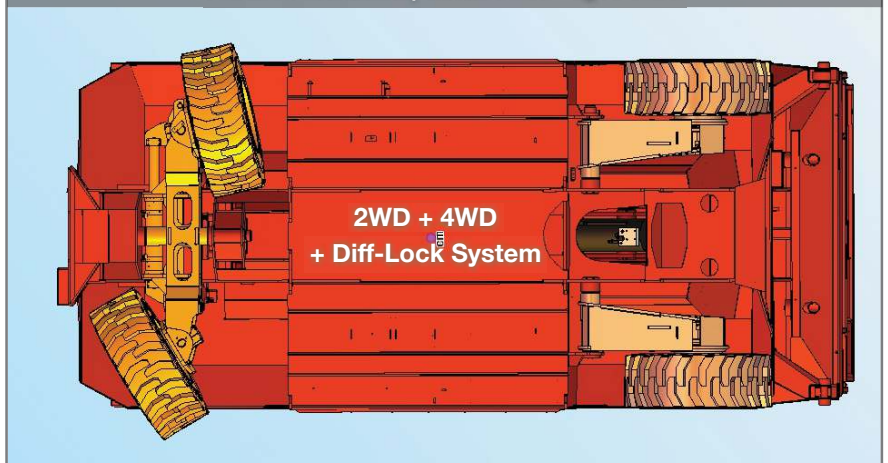
TOP19 Specifications

13,00 - 18,00 m / Typ PB	S131-19E 4x4	S151-19E 4x4	S151-19E HT4x4	S175-19E 4x4
Einsatzbereich / operation area	in/+outdoor	in/+outdoor	in/+outdoor	in/+outdoor
Arbeitshöhe / Working height	13.00m	15.00m	15.00m	17.80m
Plattformhöhe / Platform height	11.00m	13.00m	13.00m	15.80m
Fahren in voller Höhe / Drive in full height	Ja/Yes	Ja/Yes	Ja/Yes	Ja/Yes
Plattformh. eingef. / Platform height stowed	1.88m	2.07m	2.09m	2.22m
Tragkraft / Platform capacity	700kg / 2 Pers.	500kg / 2 Pers.	750kg / 4 Pers.	500kg / 4 Pers.
Tragkraft Plattformausschub / platf. extension	700kg / 2 Pers.	500kg / 2 Pers.	750kg / 4 Pers.	500kg / 4 Pers.
Plattformmaße (LxB) / Platform size	4.00 x 1.90m	4.00 x 1.90m	4.00 x 1.90m	4.00 x 1.90m
Plattformmaße max./ max. platform size	6.20 x 1.90m	6.20 x 1.90m	6.20 x 1.90m	6.20 x 1.90m
Gesamtbreite / Overall width	1.90m	1.90m	1.90m	1.90m
Gesamtlänge / Overall length	4.20m	4.20m	4.20m	4.20m
Lenkeinschlag / Max. angle of turn	80° Grad	80° Grad	80° Grad	80° Grad
Wenderadius / Turning radius outside	3.90m	3.90m	3.90m	3.90m
Gesamthöhe eingef. / height lowered	3.07m	3.27m	3.24m	3.45m
Transporthöhe / transport height	2.18m	2.38m	2.33m	2.54m
Gesamtgewicht / Gross weight	6.900kg	7.310kg	8.610 kg	8.980kg
Motorleistung / Motor (E/D)	16kW 48V	16kW 48V	16kW 48V	16kW 48V
Batteriekapazität / Capacity (E)	455 - 700Ah/5	455 - 700Ah/5	455 - 700Ah/5	455 - 700Ah/5
Steigfähigkeit / Gradeability	30 %	30 %	30 %	30 %
Allradantrieb / 4WD	Serie	Serie	Serie	Serie
Differentialsperre / Differential lock	Serie	Serie	Serie	Serie
Pendelachse front / Oscillating axle	Serie	Serie	Serie	Serie
Nivellierachsen / Levelling axle	Serie	Serie	Serie	Serie
Niveauegleich / Levelling System	aut. Achsnivellierung	aut. Achsnivellierung	aut. Achsnivellierung	aut. Achsnivellierung
Stützhub Gesamt max. / Levelling stroke	250/380mm	250/380mm	250/380mm	250/380mm

80° steering angle



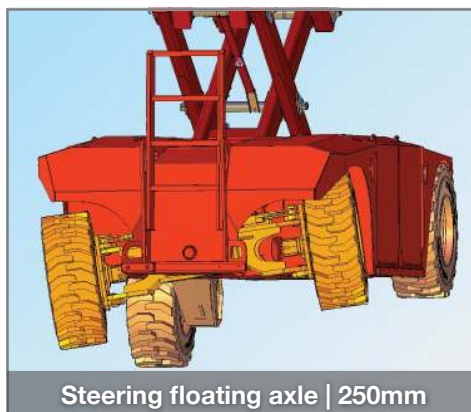
2.82m axle base | 3.90m turning radius



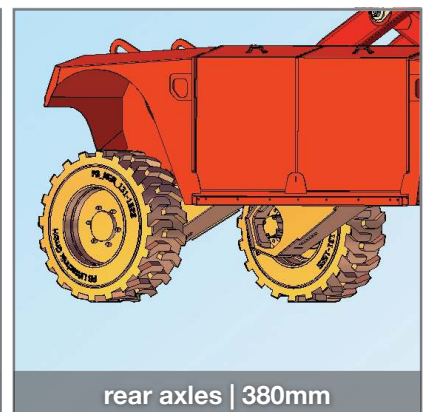
3 in 1: Indoor-Megadeck 2WD + Outdoor 4x4 + Special Applications



4 Wheel Multi Levelling



Steering floating axle | 250mm



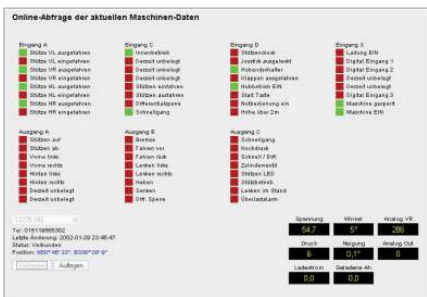
rear axles | 380mm

All axle functions can be used in automatic or manual mode.

PBdigiConnect Telemetriesystem



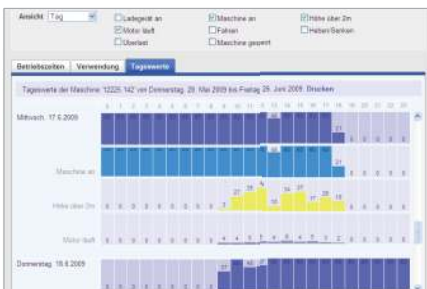
With PBdigiConnect the term "quality of service" raises to a new standard. It allows **within a few minutes, a real-time diagnostics of the machine all over the world.**



Live-Diagnostic (terms multilingual)

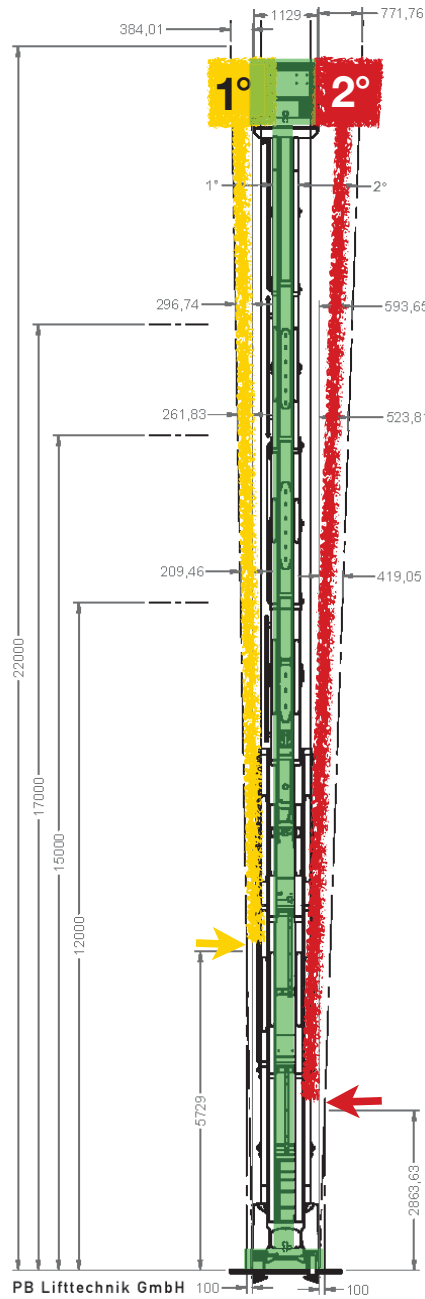


GPS Position



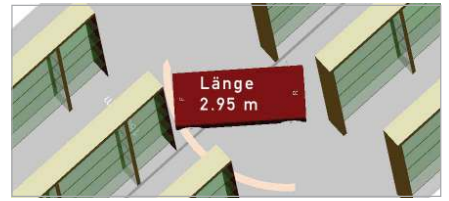
Work data management

Levelling System



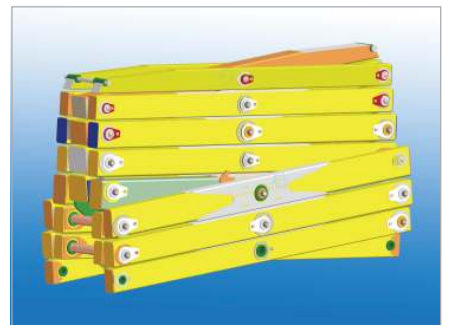
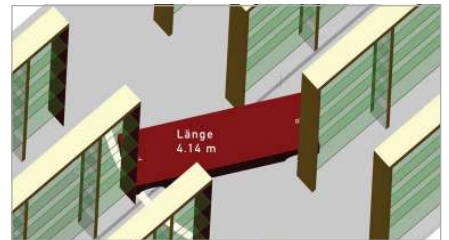
2 ° degree slope generates 800mm lateral offset at the height of 22m. The ES Series levels in seconds automatically to 0° degrees and brings you up "straight".

Turning Radius



In the 1.20m class, the PB S171-12E, with the length of only 2.95m is unique.

It manages to turn even the tightest quadrant of 1.80 x 3.00m! This would be for units of conventional design with four-wheel steering impossible:



Together with advantage of the compact 7-part, „Dual“ scissors system ...



... in combination with the 90 ° steering we offer a super compact solution.

