ET42

Escavatore Cingolato Tradizionale

La spinta per ogni cantiere

Avanti tutta: il miniescavatore ET42 combina caratteristiche collaudate con una significante porzione di innovazione, rendendolo un maestro nella categoria da 4 tonnellate. Dispone delle consuete elevate forze di sollevamento e scavo e ciclo di lavoro rapidi. Le tecnologie moderne consentono la riduzione delle emissioni e contemporaneamente, l'aumento dell'efficienza. Ad esempio, il potente motore dell'ET42 soddisfa la normativa sulle emissioni Fase V. L'escavatore è convincente anche in termini di facilità d'uso. Il lavoro è facile grazie al concetto operativo intuitivo e una visione perfetta del processo di lavoro.

Punti di forza

- Protezione stelo flessibile
- Load Sensing Flow Sharing
- Vertical Digging System VDS+
- Cinematica a 3 punti
- Active Working Signal AWS

Dati tecnici

idraulica

Pressione idraulica di esercizio	245,0 bar
Pompa idraulica	Pompa a pistoni assiali
Portata standard max.	90,0 l/min

Valori meccanici di rendimento

Numero di giri nominale	36,0 1/min
Velocità di marcia	4,8 km/h

Valori meccanici

Lunghezza	5.594,0 mm
Larghezza	1.750,0 mm
Altezza	2.608,0 mm
Peso	3.817,00 kg
Peso d'esercizio (min.-max.)	4.032,0 - 5.206,0 kg
Profondità di scavo (max.)	3.544,0 mm

Motore a scoppio

Raffreddamento	Raffreddamento ad acqua
Modello di motore	Motore diesel
Cilindri	3,0
Cilindrata	1.662,0 cm3
Angolo di inclinazione max.	30,0 °
Tipo di carburante	HVO EN15940
Potenza nominale	32,5 kW
Numero di giri nominale	2.000,0 1/min
Valori limite gas di scarico	EU Stage V
Capacità batteria (valore nominale)	77,0 Ah
Produttore del motore	Perkins
Indicazione del motore	403J-E17T

Dati caratteristici ambientali

Potenza acustica LWA, garantita	97,0 dB(A)

Trasporto e stoccaggio

Peso di trasporto	3.817,0 kg

Le immagini, le attrezzature e i dati mostrati potrebbero differire dal programma di consegna attuale nel vostro paese. Potrebbe essere mostrato allestimento facoltativo, che è soggetti ad un aumento di prezzo. Con riserva di modifiche.

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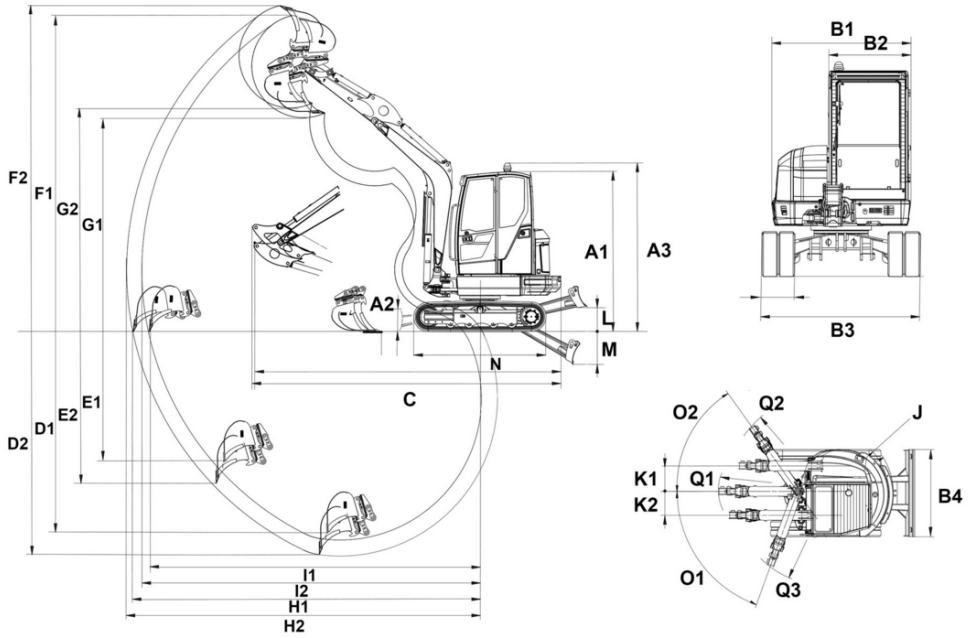
Dimensioni



A1	Altezza con cabina	2.494 mm
A2	Altezza lama	360 mm
A3	Altezza totale con lampeggiante	2.608 mm
B1	Larghezza torretta	1.720 mm
B2	Larghezza cabina	980 mm
B3	Larghezza sottocarro	1.750 mm
B4	Larghezza lama	1.750 mm
C	Lunghezza di trasporto braccio penetratore corto	5.146 mm
	Lunghezza di trasporto braccio penetratore lungo	5.152 mm
D1	Profondità di scavo max., braccio penetratore corto	3.344 mm
D2	Profondità di scavo max., braccio penetratore lungo	3.544 mm
E1	Profondità a tuffo max., braccio penetratore corto	2.114 mm
E2	Profondità a tuffo max., braccio penetratore lungo	2.293 mm
F1	Altezza di scavo max., braccio penetratore corto	5.210 mm
F2	Altezza di scavo max., braccio penetratore lungo	5.340 mm
G1	Altezza di scarico max., braccio penetratore corto	3.573 mm
G2	Altezza di scarico max., braccio penetratore lungo	3.703 mm
H1	Raggio di scavo max., braccio penetratore corto	5.489 mm
H2	Raggio di scavo max., braccio penetratore lungo	5.678 mm
I1	Sbracio al suolo max., braccio penetratore corto	5.376 mm
I2	Sbracio al suolo max., braccio penetratore lungo	5.570 mm
J	Raggio di rotazione posteriore	1.335 mm
K1	Spostamento del braccio max. (al centro del cucchiaio lato destro)	493 mm
K2	Spostamento del braccio max. (al centro del cucchiaio lato sinistro)	532 mm
L	Altezza di sollevamento max. (lama sopra al piano orizzontale)	418 mm
M	Profondità di scavo max. (lama sotto al piano orizzontale)	563 mm
N	Lunghezza carrello	2.198 mm
O1	Angolo di rotazione max (sistema braccio a sinistra)	70 °
O2	Angolo di rotazione max (sistema braccio a destra)	55 °
Q1	Raggio di rotazione del braccio al centro	2.175 mm
Q2	Raggio di rotazione del braccio a destra	2.061 mm
Q3	Raggio di rotazione del braccio a sinistra	1.820 mm

Le immagini, le attrezzature e i dati mostrati potrebbero differire dal programma di consegna attuale nel vostro paese. Potrebbe essere mostrato allestimento facoltativo, che è soggetti ad un aumento di prezzo. Con riserva di modifiche.

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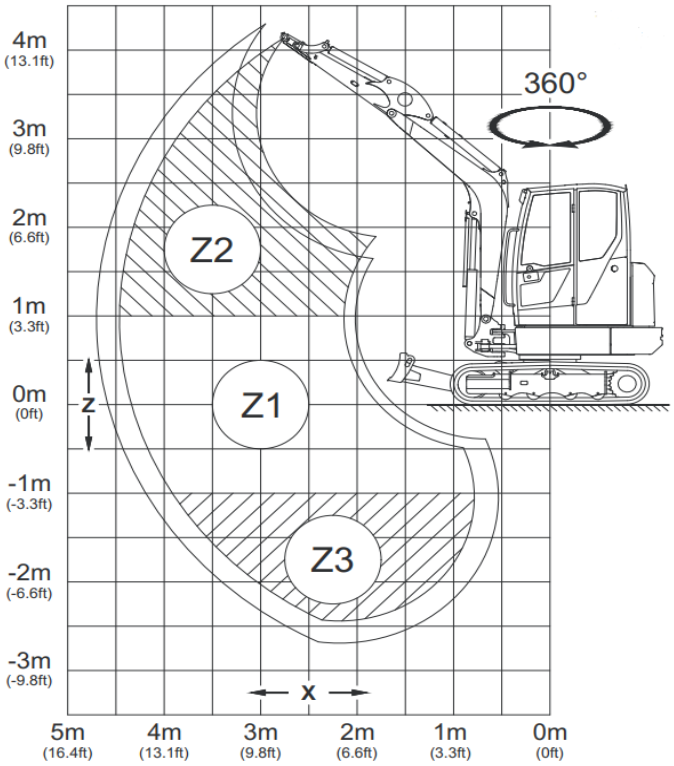
Lifting force tables ET42



All table values are specified in kg (lbs.), in a horizontal position on a solid surface and without a bucket or an attachement.

If a bucket or other attachment is mounted, the lifting force or tipping load is reduced by the device's dead weight.

Base of calculation: according to ISO 10567.

The lifting force of the vehicle is limited by the settings of the pressure relief valves and hydraulic performance or by the tipping safety mechanism.

Neither 75% of the static tipping load nor 87% of the hydraulic lifting force are exceeded. The lifting force of the vehicle is limited by the hydraulic capacity or by the tilting safety mechanism.

Neither 75% of the static tipping load nor 87% of the hydraulic lifting force are exceeded.

Base of calculation: according to ISO 10567. Set pressure at the lifting arm cylinder: ET 24: 24000 kPa (3480 psi)

The lifting capability applies for vehicles under the following conditions:

- Lubricants and operating materials at the prescribed levels.
- Full fuel tank.
- Cabin
- Vehicle at operating temperature.
- Weight of the operator 75 kg (165 lbs.).

max	Permissible load with extended dipper stick
A	Outreach from middle of rotating assembly
B	Load hook height
*	Lifting force limited by hydraulics
	With or without dozer blade support in travel direction
	With or without dozer blade support 90° from the travel direction

Lifting force tables ET42

A / B				4,0 m (13‘-1‘‘)			3,0 m (9‘-10‘‘)			2,0 m (6‘-7‘‘)		
	Schild Unten	Schild oben		Schild Unten	Schild oben		Schild Unten	Schild oben		Schild Unten	Schild oben	
4,0 m	973*	973*	962	-	-	-	920*	920*	920*	-	-	-
(13’-1‘‘)	(2,145)*	(2,145)*	(2,120)	-	-	-	(2,029)*	(2,029)*	(2,029)*	-	-	-
3,0 m	930*	734	672	917*	775	710	-	-	-	-	-	-
(9’-10‘‘)	(2,051)*	(1,617)	(1,481)	(2,023)*	(1,710)	(1.,566)	-	-	-	-	-	-
2,0 m	935*	622	570	971*	761	696	1,155*	1,155*	1,076	1,736*	1,736*	1,736*
(6’-7‘‘)	(2,062)*	(1,372)	(1,257)	(2,141)*	(1,677)	(1,534)	(2,547)*	(2,547)*	(2,373)	(3,827)*	(3,827)*	(3,827)*
1,0 m	957*	586	536	1,091*	733	669	1,508*	1,117	1,007	-	-	-
(3’-3‘‘)	(2,111)*	(1,291)	(1,182)	(2,407)*	(1,617)	(1,476)	(3,324)*	(2,462)	(2,221)	-	-	-
0,0 m	987*	602	550	1,165*	713	649	1,696*	1,072	964	3,025*	2,052	1,779
(0’-0‘‘)	(2,177)*	(1,328)	(1,213)	(2,568)*	(1,571)	(1,431)	(3,740)*	(2,363)	(2,126)	(6,669)*	(4,524)	(3,923)
- 1,0 m	1,013*	690	629	(1,067)*	711	648	1,620*	1,063	956	2,666*	2,065	1,792
-(3’-3‘‘)	(2,233)*	(1,522)	(1,388)	(2,352)*	(1,568)	(1,428)	(3,573)*	(2,345)	(2,108)	(5,878)*	(4,553)	(3,950)
- 2,0 m	980*	980*	890	-	-	-	1,151*	1,092	983	-	-	-
-(6’-7‘‘)	(2,160)*	(2,160)*	(1,962)	-	-	-	(2,537)*	(2,407)	(2,168)	-	-	-

Tab.1: Lifting force table ET42-STD, short dipper stick, rubber track, without additional rear weight

A / B				4,0 m (13‘-1‘‘)			3,0 m (9‘-10‘‘)			2,0 m (6‘-7‘‘)		
	Schild Unten	Schild oben		Schild Unten	Schild oben		Schild Unten	Schild oben		Schild Unten	Schild oben	
4,0 m	889*	889*	844	-	-	-	-	-	-	-	-	-
(13’-1‘‘)	(1,960)*	(1,960)*	(1,862)	-	-	-	-	-	-	-	-	-
3,0 m	864*	673	616	836*	777	711	-	-	-	-	-	-
(9’-10‘‘)	(1,904)*	(1,483)	(1,358)	(1,844)*	(1,714)	(1,569)	-	-	-	-	-	-
2,0 m	873*	577	529	910*	758	693	1,054	1,054*	1,054*	-	-	-
(6’-7‘‘)	(1,924)*	(1,273)	(1,166)	(2,007)*	(1,672)	(1,528)	(2,324)*	(2,324)*	(2,324)*	-	-	-
1,0 m	896*	545	498	1,046*	729	664	1,427*	1,118	1,008	-	-	-
(3’-3‘‘)	(1,976)*	(1,202)	(1,099)	(2,307)*	(1,607)	(1,464)	(3,148)*	(2,465)	(2,222)	-	-	-
0,0 m	927*	558	510	1,145*	704	640	1,663*	1,064	956	3,065*	2,035	1,763
(0’-0‘‘)	(2,044)*	(1,231)	(1,124)	(2,524)*	(1,552)	(1,412)	(3,667)*	(2,347)	(2,109)	(6,759)*	(4,486)	(3,886)
- 1,0 m	957*	631	575	1,102*	697	633	1,643*	1,049	942	2,788*	2,039	1,766
-(3’-3‘‘)	(2,110)*	(1,391)	(1,267)	(2,431)*	(1,537)	(1,397)	(3,623)*	(2,313)	(2,076)	(6.149)*	(4,495)	(3,895)
- 2,0 m	952*	854	774	-	-	-	1,288*	1,069	961	2,104*	2,082	1,806
-(6’-7‘‘)	(2,100)*	(1,882)	(1,706)	-	-	-	(2,840)*	(2,356)	(2,118)	(4,640)*	(4,591)	(3,982)

Tab.2: Lifting force table ET42-STD, long dipper stick, rubber track, without additional rear weight

Lifting force tables ET42

A / B				4,0 m (13‘-1‘‘)			3,0 m (9‘-10‘‘)			2,0 m (6‘-7‘‘)		
	Blade down	Blade up		Blade down	Blade up		Blade down	Blade up		Blade down	Blade up	
4,0 m	973*	973*	973*	-	-	-	920*	920*	920*	-	-	-
(13’-1‘‘)	(2,145)*	(2,145)*	(2,145)*	-	-	-	(2,029)*	(2,029)*	(2,029)*	-	-	-
3,0 m	930*	833	765	917*	880	806	-	-	-	-	-	-
(9’-10‘‘)	(2,051)*	(1,838)	(1,686)	(2,023)*	(1,940)	(1,778)	-	-	-	-	-	-
2,0 m	935*	711	653	971*	865	792	1,155*	1,155*	1,155*	1,736*	1,736*	1,736*
(6’-7‘‘)	(2,062)*	(1,568)	(1,439)	(2,141)*	(1,907)	(1,746)	(2,547)*	(2,547)*	(2,547)*	(3,827)*	(3,827)*	(3,827)*
1,0 m	957*	672	616	1,091*	838	766	1,508*	1,270	1,147	-	-	-
(3’-3‘‘)	(2,111)*	(1,481)	(1,359)	(2,407)*	(1,847)	(1,688)	(3,324)*	(2,800)	(2,529)	-	-	-
0,0 m	987*	691	633	1,165*	817	745	1,696*	1,225	1,104	3,025*	2,339	2,032
(0’-0‘‘)	(2,177)*	(1,524)	(1,396)	(2,568)*	(1,801)	(1,644)	(3,740)*	(2,700)	(2,434)	(6,669)*	(5,158)	(4,481)
- 1,0 m	1,013*	791	723	1,067*	815	744	1,620*	1,216	1,096	2,666*	2,353	2,045
-(3’-3‘‘)	(2,233)*	(1,745)	(1,594)	(2,352)*	(1,798)	(1,641)	(3,573)*	(2,682)	(2,416)	(5,878)*	(5,188)	(4,508)
- 2,0 m	980*	980	980*	-	-	-	1,151*	1,151*	1,123*	-	-	-
-(6’-7‘‘)	(2,160)*	(2,160)	(2,160)*	-	-	-	(2,537)*	(2,537)*	(2,476)*	-	-	-

Tab.3: Lifting force table ET42 STD, short dipper stick, rubber track, with additional rear weight

A / B				4,0 m (13‘-1‘‘)			3,0 m (9‘-10‘‘)			2,0 m (6‘-7‘‘)		
	Blade down	Blade up		Blade down	Blade up		Blade down	Blade up		Blade down	Blade up	
4,0 m	889*	889*	889*	-	-	-	-	-	-	-	-	-
(13’-1‘‘)	(1,960)*	(1,960)*	(1,960)*	-	-	-	-	-	-	-	-	-
3,0 m	864*	766	703	836*	836*	808	-	-	-	-	-	-
(9’-10‘‘)	(1,904)*	(1,690)	(1,550)	(1,844)*	(1,844)*	(1,781)	-	-	-	-	-	-
2,0 m	873*	662	607	910*	863	790	1,054*	1,054*	1,054*	-	-	-
(6’-7‘‘)	(1,924)*	(1,459)	(1,339)	(2,007)*	(1,334)	(1,741)	(2,324)*	(2,324)*	(2,324)*	-	-	-
1,0 m	896*	627	575	1.046*	833	761	1,427*	1,271	1,147	-	-	-
(3’-3‘‘)	(1,976)*	(1,382)	(1,267)	(2,307)*	(1,836)	(1,677)	(3,148)*	(2,802)	(2.,530)	-	-	-
0,0 m	927*	643	588	1.145*	808	737	1,663*	1,217	1,096	3,065*	2,322	2,016
(0’-0‘‘)	(2,044)*	(1,417)	(1,298)	(2,524)*	(1,782)	(1,624)	(3,667)*	(2,684)	(2,417)	(6,759)*	(5,121)	(4,444)
- 1,0 m	957*	725	663	1.102*	801	730	1,643*	1,202	1,081	2,788*	2,326	2,019
-(3’-3‘‘)	(2,110)*	(1,600)	(1,461)	(2,431)*	(1,766)	(1,609)	(6,623)*	(2,650)	(2,384)	(6,149)*	(5,129)	(4,453)
- 2,0 m	952*	952*	887	-	-	-	1,288*	1,222	1,100	2,104*	2,104*	2,059
-(6’-7‘‘)	(2,100)*	(2,100)*	(1,956)	-	-	-	(2,840)*	(2,694)	(2,426)	(4.640)*	(4,640)*	(4,540)

Tab.4: Lifting force table ET42 STD, long dipper stick, rubber track, with additional rear weight

Lifting force tables ET42

A / B				4,0 m (13‘-1‘‘)			3,0 m (9‘-10‘‘)			2,0 m (6‘-7‘‘)		
	Blade down	Blade up		Blade down	Blade up		Blade down	Blade up		Blade down	Blade up	
4,0 m	973*	973*	949	-	-	-	920*	920*	920*	-	-	-
(13’-1‘‘)	(2,145)*	(2,145)*	(2,092)	-	-	-	(2,029)*	(2,029)*	(2,029)*	-	-	-
3,0 m	930*	749	664	917*	791	702	-	-	-	-	-	-
(9’-10‘‘)	(2,051)*	(1,651)	(1,465)	(2,023)*	(1,745)	(1,548)	-	-	-	-	-	-
2,0 m	935*	636	564	971*	776	688	1,155*	1,155*	1,061*	1,736*	1,736*	1,736*
(6’-7‘‘)	(2,062)*	(1,402)	(1,244)	(2,141)*	(1,712)	(1,516)	(2,547)*	(2,547)*	(2,339)*	(3,827)*	(3,827)*	(3,827)*
1,0 m	957*	599	530	1,091*	749	661	1,508*	1,139	992	-	-	-
(3’-3‘‘)	(2,111)*	(1,321)	(1,170)	(2,407)*	(1,652)	(1,459)	(3,324)*	(2,511)	(2,187)	-	-	-
0,0 m	987*	616	544	1,165*	729	641	1,696*	1,094	949	3,025*	2,087	1,736
(0’-0‘‘)	(2,177)*	(1,359)	(1,200)	(2,568)*	(1,607)	(1,414)	(3,740)*	(2,412)	(2,094)	(6,669)*	(4,602)	(3,829)
- 1,0 m	1,013*	706	622	1,067*	727	640	1,620*	1,086	942	2,666*	2,100	1,748
-(3’-3‘‘)	(2,233)*	(1,557)	(1,372)	(2,352)*	(1,604)	(1,412)	(3,573)*	(2,394)	(2,076)	(5,878)*	(4,631)	(3,855)
- 2,0 m	980*	980*	877	-	-	-	1,151*	1,114	968	-	-	-
-(6’-7‘‘)	(2,160)*	(2,160)*	(1,934)	-	-	-	(2,537)*	(2,456)	(2,135)	-	-	-

Tab.5: Lifting force table ET42 STD, short dipper stick, steel track, without additional rear weight

A / B				4,0 m (13‘-1‘‘)			3,0 m (9‘-10‘‘)			2,0 m (6‘-7‘‘)		
	Blade down	Blade up		Blade down	Blade up		Blade down	Blade up		Blade down	Blade up	
4,0 m	889*	889*	834	-	-	-	-	-	-	-	-	-
(13’-1‘‘)	(1,960)*	(1,960)*	(1,839)	-	-	-	-	-	-	-	-	-
3,0 m	864*	687	609	836*	793	703	-	-	-	-	-	-
(9’-10‘‘)	(1,904)*	(1,515)	(1,344)	(1,844)*	(1,749)	(1,551)	-	-	-	-	-	-
2,0 m	873*	591	523	910*	774	685	1,054*	1,054*	1,054*	-	-	-
(6’-7‘‘)	(1,924)*	(1,302)	(1,154)	(2,007)*	(1,708)	(1,511)	(2,324)*	(2,324)*	(2,324)*	-	-	-
1,0 m	896*	558	493	1,046	745	656	1,427*	1,140	992	-	-	-
(3’-3‘‘)	(1,976)*	(1,230)	(1,088)	(2,307)*	(1,642)	(1,447)	(3,148)*	(2,513)	(2,188)	-	-	-
0,0 m	927*	571	504	1,145*	720	633	1,663*	1,086	942	3,065*	2,070	1,720
(0’-0‘‘)	(2,044)*	(1,260)	(1,112)	(2,524)*	(1,588)	(1,395)	(3,667)*	(2,396)	(2,076)	(6,759)*	(4,564)	(3,792)
- 1,0 m	957*	646	568	1,102*	713	626	1,643*	1,071	927	2,788*	2,074	1,723
-(3’-3‘‘)	(2,110)*	(1,423)	(1,253)	(2,431)*	(1,572)	(1,380)	(3,623)*	(2,362)	(2,045)	(6,149)*	(4,573)	(3,800)
- 2,0 m	952*	872	764	-	-	-	1,288*	1,091	946	2,104*	2,104*	1,762
-(6’-7‘‘)	(2,100)*	(1,923)	(1,684)	-	-	-	(2,840)*	(2,405)	(2,086)	(4,640)*	(4,640)*	(3,886)

Tab.6: Lifting force table ET42 STD, long dipper stick, steel track, without additional rear weight

Lifting force tables ET42

A / B				4,0 m (13‘-1‘‘)			3,0 m (9‘-10‘‘)			2,0 m (6‘-7‘‘)		
	Blade down	Blade up		Blade down	Blade up		Blade down	Blade up		Blade down	Blade up	
4,0 m	973*	973*	973*	-	-	-	920*	920*	920*	-	-	-
(13’-1‘‘)	(2,145)*	(2,145)*	(2,145)*	-	-	-	(2,029)*	(2,029)*	(2,029)*	-	-	-
3,0 m	930*	848	755	917*	895	796	-	-	-	-	-	-
(9’-10‘‘)	(2,051)*	(1,870)	(1,665)	(2,023)*	(1,973)	(1,756)	-	-	-	-	-	-
2,0 m	935*	724	645	971*	880	782	1,155*	1,155*	1,155*	1,736*	1,736*	1,736*
(6’-7‘‘)	(2,062)*	(1,597)	(1,422)	(2,141)*	(1,940)	(1,724)	(2,547)*	(2,547)*	(2,547)*	(3,827)*	(3,827)*	(3,827)*
1,0 m	957*	685	609	1,091*	853	756	1,508*	1,291	1,128	-	-	-
(3’-3‘‘)	(2,111)*	(1,510)	(1,343)	(2,407)*	(1,881)	(1,667)	(3,324)*	(2,846)	(2,488)	-	-	-
0,0 m	987*	705	626	1,165*	832	736	1,696*	1,246	1,086	3,025*	2,372	1,981
(0’-0‘‘)	(2,177)*	(1,554)	(1,380)	(2,568)*	(1,835)	(1,623)	(3,740)*	(2,747)	(2,394)	(6,669)*	(5,230)	(4,368)
- 1,0 m	1,013*	806	714	1,067*	831	735	1,620*	1,237	1,078	2,666*	2,385	1,993
-(3’-3‘‘)	(2,233)*	(1,778)	(1,574)	(2,352)*	(1,832)	(1,620)	(3,573)*	(2,729)	(2,377)	(5,878)*	(5,259)	(4,395)
- 2,0 m	980*	980*	980*	-	-	-	1,151*	1,151*	1,105	-	-	-
-(6’-7‘‘)	(2,160)*	(2,160)*	(2,160)*	-	-	-	(2,537)*	(2,537)*	(2,436)	-	-	-

Tab.7: Lifting force table ET42 STD, short dipper stick, steel track, with additional rear weight

A / B				4,0 m (13‘-1‘‘)			3,0 m (9‘-10‘‘)			2,0 m (6‘-7‘‘)		
	Blade down	Blade up		Blade down	Blade up		Blade down	Blade up		Blade down	Blade up	
4,0 m	889*	889*	889*	-	-	-	-	-	-	-	-	-
(13’-1‘‘)	(1,960)*	(1,960)*	(1,960)*	-	-	-	-	-	-	-	-	-
3,0 m	864*	780	695	836*	836*	798	-	-	-	-	-	-
(9’-10‘‘)	(1,904)*	(1,721)	(1,532)	(1,844)*	(1,844)*	(1,759)	-	-	-	-	-	-
2,0 m	873*	675	600	910*	878	780	1,054*	1,054*	1,054*	-	-	-
(6’-7‘‘)	(1,924)*	(1,487)	(1,324)	(2,007)*	(1,936)	(1,719)	(2,324)*	(2,324)*	(2,324)*	-	-	-
1,0 m	896*	639	568	1,046*	848	751	1,427*	1,292	1,129	-	-	-
(3’-3‘‘)	(1,976)*	(1,410)	(1,253)	(2,307)*	(1,870)	(1,656)	(3,148)*	(2,848)	(2,489)	-	-	-
0,0 m	927*	656	582	1,145*	823	727	1,663*	1,238	1,078	3,065*	2,355	1,964
(0’-0‘‘)	(2,044)*	(1,446)	(1,282)	(2,524)*	(1,816)	(1,603)	(3,667)*	(2,730)	(2,377)	(6,759)*	(5,192)	(4,331)
- 1,0 m	957*	740	654	1,102*	816	720	1,643*	1,223	1,064	2,788*	2,359	1,968
-(3’-3‘‘)	(2,110)*	(1,631)	(1,443)	(2,431)*	(1,800)	(1,588)	(3,623)*	(2,697)	(2,345)	(6,149)*	(5,201)	(4,339)
- 2,0 m	952*	952*	874	-	-	-	1,288*	1,243	1,082	2,104*	2,104*	2,007
-(6’-7‘‘)	(2,100)*	(2,100)*	(1,928)	-	-	-	(2,840)*	(2,740)	(2,386)	(4,640)*	(4,640)*	(4,425)

Tab.8: Lifting force table ET42 STD, long dipper stick, steel track, with additional rear weight

Lifting force tables ET42

A / B	max			4,0 m (13‘-1‘‘)			3,0 m (9‘-10‘‘)			2,0 m (6‘-7‘‘)		
	Blade down	Blade up		Blade down	Blade up		Blade down	Blade up		Blade down	Blade up	
4,0 m	973*	973*	973*	-	-	-	920*	920*	920*	-	-	-
(13’-1‘‘)	(2,145)*	(2,145)*	(2,145)*	-	-	-	(2.029)*	(2.029)*	(2.029)*	-	-	-
3,0 m	930*	722	692	917*	763	731	-	-	-	-	-	-
(9’-10‘‘)	(2,051)*	(1,592)	(1,525)	(2,023)*	(1,684)	(1,611)	-	-	-	-	-	-
2,0 m	935*	612	588	971*	749	716	1,155*	1,155*	1,106	1,736*	1,736*	1,736*
(6’-7‘‘)	(2,062)*	(1,349)	(1,296)	(2,141)*	(1,651)	(1,579)	(2,547)*	(2,547)*	(2,439)	(3,827)*	(3,827)*	(3,827)*
1,0 m	957*	576	553	1,091*	721	690	1,508*	1,099	1,037	-	-	-
(3’-3‘‘)	(2,111)*	(1,269)	(1,220)	(2,407)*	(1,591)	(1,521)	(3,324)*	(2,423)	(2,286)	-	-	-
0,0 m	987*	592	568	1,165*	701	670	1,696*	1,054	994	3,025*	2,019	1,833
(0’-0‘‘)	(2,177)*	(1,305)	(1,252)	(2,568)*	(1,545)	(1,476)	(3,740)*	(2,324)	(2,191)	(6,669)*	(4,451)	(4,042)
- 1,0 m	1.013*	679	649	1,067*	699	668	1,620*	1,046	986	2,666*	2,032	1,845
-(3’-3‘‘)	(2,233)*	(1,497)	(1,432)	(2,352)*	(1,542)	(1,474)	(3,573)*	(2,306)	(2,174)	(5,878)*	(4,480)	(4,069)
- 2,0 m	980*	968	917	-	-	-	1,151*	1,074	1,013	-	-	-
-(6’-7‘‘)	(2,160)*	(2,134)	(2,021)	-	-	-	(2,537)*	(2,368)	(2,234)	-	-	-

Tab.9: Lifting force table ET42 – schwenkbares Planierschild, short dipper stick, rubber track, without additional rear weight

A / B	max			4,0 m (13‘-1‘‘)			3,0 m (9‘-10‘‘)			2,0 m (6‘-7‘‘)		
	Blade down	Blade up		Blade down	Blade up		Blade down	Blade up		Blade down	Blade up	
4,0 m	889*	889*	868	-	-	-	-	-	-	-	-	-
(13’-1‘‘)	(1,960)*	(1,960)*	(1,914)	-	-	-	-	-	-	-	-	-
3,0 m	864*	662	635	836*	765	732	-	-	-	-	-	-
(9’-10‘‘)	(1,904)*	(1,459)	(1,399)	(1,844)*	(1,687)	(1,614)	-	-	-	-	-	-
2,0 m	873*	568	545	910*	746	714	1,054*	1,054*	1,054*	-	-	-
(6’-7‘‘)	(1,924)*	(1,252)	(1,203)	(2,007)*	(1,646)	(1,574)	(2,324)*	(2,324)*	(2,324)*	-	-	-
1,0 m	896*	536	515	1,046*	717	685	1,427*	1,100	1,037	-	-	-
(3’-3‘‘)	(1,976)*	(1,181)	(1,135)	(2,307)*	(1,580)	(1,510)	(3,148)*	(2,426)	(2,287)	-	-	-
0,0 m	927*	548	526	1,145*	692	661	1,663*	1,047	986	3,065*	2,001	1,816
(0’-0‘‘)	(2,044)*	(1,209)	(1,161)	(2,524)*	(1,526)	(1,457)	(3,667)*	(2,308)	(2,174)	(6,759)*	(4,413)	(4,005)
- 1,0 m	957*	620	593	1,102*	685	654	1,643*	1,031	971	2,788*	2,005	1,820
-(3’-3‘‘)	(2,110)*	(1,367)	(1,309)	(2,431)*	(1,510)	(1,442)	(3,623)*	(2,274)	(2,142)	(6,149)*	(4,422)	(4,013)
- 2,0 m	952*	840	798	-	-	-	1,288*	1,051	990	2,104*	2,049	1,860
-(6’-7‘‘)	(2,100)*	(1,851)	(1,759)	-	-	-	(2,840)*	(2,318)	(2,184)	(4,640)*	(4,517)	(4,101)

Tab.10: Lifting force table ET42 – schwenkbares Planierschild, long dipper stick, rubber track, without additional rear weight

Lifting force tables ET42

A / B				4,0 m (13‘-1‘‘)			3,0 m (9‘-10‘‘)			2,0 m (6‘-7‘‘)		
	Blade down	Blade up		Blade down	Blade up		Blade down	Blade up		Blade down	Blade up	
4,0 m	973*	973*	973*	-	-	-	920*	920*	920*	-	-	-
(13’-1‘‘)	(2,145)*	(2,145)*	(2,145)*	-	-	-	(2,029)*	(2.029)*	(2.029)*	-	-	-
3,0 m	930*	822	784	917*	868	827	-	-	-	-	-	-
(9’-10‘‘)	(2,051)*	(1,812)	(1,729)	(2,023)*	(1,913)	(1,824)	-	-	-	-	-	-
2,0 m	935*	701	670	971*	853	813	1.155*	1,155*	1,155*	1,739*	1,739*	1,739*
(6’-7‘‘)	(2,062)*	(1,545)	(1,478)	(2,141)*	(1,880)	(1,792)	(2,547)*	(2,547)*	(2,547)*	(3,827)*	(3,827)*	(3,827)*
1,0 m	957*	662	633	1,091*	826	786	1,508*	1,252	1,176	-	-	-
(3’-3‘‘)	(2,111)*	(1,459)	(1,396)	(2,407)*	(1,820)	(1,734)	(3,324)*	(2,761)	(2,594)	-	-	-
0,0 m	987*	681	651	1,165*	805	766	1,696*	1,207	1,133	3,025*	2,306	2,086
(0’-0‘‘)	(2,177)*	(1,502)	(1,435)	(2,568)*	(1,774)	(1,689)	(3,740)*	(2,661)	(2,499)	(6,669)*	(5,085)	(4,600)
- 1,0 m	1,013*	780	743	1,067*	803	765	1,620*	1,199	1,125	2,666*	2,319	2,098
-(3’-3‘‘)	(2,233)*	(1,719)	(1,638)	(2,352)*	(1,771)	(1,686)	(3,573)*	(2,643)	(2,482)	(5,878)*	(5,114)	(4,627)
- 2,0 m	980*	980*	980*	-	-	-	1,151*	1,151*	1,151*	-	-	-
-(6’-7‘‘)	(2,160)*	(2,160)*	(2,160)*	-	-	-	(2,537)*	(2,537)*	(2,537)*	-	-	-

Tab.11: Lifting force table ET42 – schwenkbares Planierschild, short dipper stick, rubber track, with additional rear weight

A / B				4,0 m (13‘-1‘‘)			3,0 m (9‘-10‘‘)			2,0 m (6‘-7‘‘)		
	Blade down	Blade up		Blade down	Blade up		Blade down	Blade up		Blade down	Blade up	
4,0 m	889*	889*	889*	-	-	-	-	-	-	-	-	-
(13’-1‘‘)	(1,960)*	(1,960)*	(1,960)*	-	-	-	-	-	-	-	-	-
3,0 m	864*	756	722	836*	836*	828	-	-	-	-	-	-
(9’-10‘‘)	(1,904)*	(1,666)	(1,591)	(1,844)*	(1,844)*	(1,827)	-	-	-	-	-	-
2,0 m	873*	652	624	910*	851	810	1,054*	1,054*	1,054*	-	-	-
(6’-7‘‘)	(1,924)*	(1,438)	(1,376)	(2,007)*	(1,876)*	(1,786)	(2,324)*	(2,324)*	(2.324)*	-	-	-
1,0 m	896*	617	591	1,046*	821	781	1,427*	1,253	1,177	-	-	-
(3’-3‘‘)	(1,976)*	(1,362)	(1,303)	(2,307)*	(1,810)	(1,722)	(3,148)*	(2,763)	(2,595)	-	-	-
0,0 m	927*	633	605	1,145*	796	757	1,663*	1,199	1,126	3,065*	2,289	2,069
(0’-0‘‘)	(2,044)*	(1,396)	(1,335)	(2,524)*	(1,755)	(1,670)	(3,667)*	(2,645)	(2,482)	(6,759)*	(5,047)	(4,563)
- 1,0 m	957*	714	681	1,102*	789	750	1,643*	1,184	1,111	2,788*	2,293	2,073
-(3’-3‘‘)	(2,110)*	(1,575)	(1,502)	(2,431)*	(1,740)	(1,655)	(3,623)*	(2,611)	(2,450)	(6,149)*	(5,056)	(4,571)
- 2,0 m	952*	952*	911	-	-	-	1,288*	1,204	1,130	2,104*	2,104*	2,104*
-(6’-7‘‘)	(2,100)*	(2,100)*	(2,009)	-	-	-	(2,840)*	(2,655)	(2,492)	(4,640)*	(4,640)*	(4,640)*

Tab.12: Lifting force table ET42– schwenkbares Planierschild, long dipper stick, rubber track, with additional rear weight

Lifting force tables ET42

A / B	max			4,0 m (13‘-1‘‘)			3,0 m (9‘-10‘‘)			2,0 m (6‘-7‘‘)		
	Blade down	Blade up		Blade down	Blade up		Blade down	Blade up		Blade down	Blade up	
4,0 m	973*	973*	973*	-	-	-	920*	920*	920*	-	-	-
(13’-1‘‘)	(2,145)*	(2,145)*	(2,145)*	-	-	-	(2,029)*	(2.029)*	(2.029)*	-	-	-
3,0 m	930*	737	683	917*	779	722	-	-	-	-	-	-
(9’-10‘‘)	(2,051)*	(1,625)	(1,507)	(2,023)*	(1,718)	(1,591)	-	-	-	-	-	-
2,0 m	9359*	626	581	971*	764	707	1,155*	1,155*	1,089	1,736*	1,736*	1,736*
(6’-7‘‘)	(2,062)*	(1,379)	(1,281)	(2,141)*	(1,685)	(1,560)	(2,547)*	(2,547)*	(2,401)	(3,827)*	(3,827)*	(3,827)*
1,0 m	957*	589	547	1,091*	737	681	1,508*	1,121	1,020	-	-	-
(3’-3‘‘)	(2.,111)*	(1,299)	(1,206)	(2,407)*	(1,626)	(1,502)	(3,324)*	(2,472)	(2,250)	-	-	-
0,0 m	987*	606	561	1,165*	716	661	1,696*	1,076	978	3,025*	2,053	1,787
(0’-0‘‘)	(2,177)*	(1,335)	(1,238)	(2,568)*	(1,580)	(1,458)	(3,740)*	(2,373)	(2,156)	(6,669)*	(4,528)	(3,941)
- 1,0 m	1,013*	694	641	1,067*	715	660	1,620*	1,068	970	2,666*	2,067	1,799
-(3’-3‘‘)	(2,233)*	(1,531)	(1,414)	(2,352)*	(1,577)	(1,455)	(3,573)*	(2,354)	(2,139)	(5,878)*	(4,557)	(3,968)
- 2,0 m	980*	980*	903	-	-	-	1,151*	1,096	997	-	-	-
-(6’-7‘‘)	(2,160)*	(2,160)*	(1,991)	-	-	-	(2,537)*	(2,417)	(2,198)	-	-	-

Tab.13: Lifting force table ET42 – schwenkbares Planierschild, short dipper stick, steel track, without additional rear weight

A / B	max			4,0 m (13‘-1‘‘)			3,0 m (9‘-10‘‘)			2,0 m (6‘-7‘‘)		
	Blade down	Blade up		Blade down	Blade up		Blade down	Blade up		Blade down	Blade up	
4,0 m	889*	889*	856	-	-	-	-	-	-	-	-	-
(13’-1‘‘)	(1,960)*	(1,960)*	(1,888)	-	-	-	-	-	-	-	-	-
3,0 m	864*	676	627	836*	781	723	-	-	-	-	-	-
(9’-10‘‘)	(1,904)*	(1,491)	(1,383)	(1,844)*	(1,722)	(1,594)	-	-	-	-	-	-
2,0 m	873*	581	539	910*	762	705	1,054*	1,054*	1,054*	-	-	-
(6’-7‘‘)	(1,924)*	(1,281)	(1,189)	(2,007)*	(1,681)	(1,554)	(2,324)*	(2,324)*	(2,324)*	-	-	-
1,0 m	896*	548	509	1,046*	732	676	1,427*	1,122	1,021	-	-	-
(3’-3‘‘)	(1,976)*	(1,209)	(1,122)	(2,307)*	(1,615)	(1,491)	(3,148)*	(2,474)	(2,251)	-	-	-
0,0 m	927*	561	520	1,145*	708	652	1,663*	1,069	970	3,065*	2,036	1,771
(0’-0‘‘)	(2,044)*	(1,238)	(1,147)	(2,524)*	(1,561)	(1,438)	(3,667)*	(2,356)	(2,139	(6,759)*	(4,490)	(3,904)
- 1,0 m	957*	634	586	1,102*	701	646	1,643*	1,053	956	2,788*	2,040	1,774
-(3’-3‘‘)	(2,110)*	(1,399)	(1,293)	(2,431)*	(1,545)	(1,423)	(3,623)*	(2,323)	(2,107)	(6,149)*	(4,499)	(3,912)
- 2,0 m	952*	858	787	-	-	-	1,288*	1,073	974	2,104*	2,083	1,813
-(6’-7‘‘)	(2,100)*	(1,891)	(1,734)	-	-	-	(2,840)*	(2,366)	(2,148)	(4,640)*	(4,594)	(3,998)

Tab.14: Lifting force table ET42 – schwenkbares Planierschild, long dipper stick, steel track, without additional rear weight

Hubkrafttabellen ET42

A / B	max			4,0 m (13‘-1‘‘)			3,0 m (9‘-10‘‘)			2,0 m (6‘-7‘‘)		
	Blade down	Blade up		Blade down	Blade up		Blade down	Blade up		Blade down	Blade up	
4,0 m	973*	973*	973*	-	-	-	920*	920*	920*	-	-	-
(13’-1‘‘)	(2,145)*	(2,145)*	(2,145)*	-	-	-	(2,029)*	(2,029)*	(2,029)*	-	-	-
3,0 m	930*	837	774	917*	883	816	-	-	-	-	-	-
(9’-10‘‘)	(2,051)*	(1,845)	(1,707))	(2,023)*	(1,946)	(1,800)	-	-	-	-	-	-
2,0 m	935*	714	662	971*	868	802	1,155*	1,155*	1,155*	1,736*	1,736*	1,736*
(6’-7‘‘)	(2,062)*	(1,574)	(1,460)	(2,141)*	(1,914)	(1,768)	(2,547)*	(2,547)*	(2,547)*	(3,827)*	(3,827)*	(3,827)*
1,0 m	957*	675	625	1,091*	841	776	1,508*	1,273	1,157	-	-	-
(3’-3‘‘)	(2,111)*	(1,488)	(1,379)	(2,407)*	(1,854)	(1,710)	(3,324)*	(2,806)	(2,551)	-	-	-
0,0 m	987*	694	643	1,165*	820	756	1,696*	1,228	1,114	3,025*	2,338	2,032
(0’-0‘‘)	(2,177)*	(1,531)	(1,417)	(2,568)*	(1,808)	(1,666)	(3,740)*	(2,708)	(2,457)	(6,669)*	(5,156)	(4,481)
- 1,0 m	1,013*	795	733	1,067*	819	754	1,620*	1,220	1,106	2,666*	2,.351	2,044
-(3’-3‘‘)	(2,233)*	(1,752)	(1,616)	(2,352)*	(1,805)	(1,663)	(3,573)*	(2,689)	(2,439)	(5,878)*	(5,185)	(4,507)
- 2,0 m	980*	980*	980*	-	-	-	1,151*	1,151*	1,133	-	-	-
-(6’-7‘‘)	(2,160)*	(2,160)*	(2,160)*	-	-	-	(2,537)*	(2,537)*	(2,499)	-	-	-

Tab.15: Lifting force table ET42 – schwenkbares Planierschild, short dipper stick, steel track, with additional rear weight

A / B	max			4,0 m (13‘-1‘‘)			3,0 m (9‘-10‘‘)			2,0 m (6‘-7‘‘)		
	Blade down	Blade up		Blade down	Blade up		Blade down	Blade up		Blade down	Blade up	
4,0 m	889*	889*	889*	-	-	-	-	-	-	-	-	-
(13’-1‘‘)	(1,960)*	(1.960)*	(1,960)*	-	-	-	-	-	-	-	-	-
3,0 m	864*	769	712	836*	836*	817	-	-	-	-	-	-
(9’-10‘‘)	(1,904)*	(1,697)	(1,571)	(1,844)*	(1,844)*	(1,802)	-	-	-	-	-	-
2,0 m	873*	665	616	910*	866	799	1,054*	1,054*	1,054*	-	-	-
(6’-7‘‘)	(1,924)*	(1,466)	(1,359)	(2,007)*	(1,909)	(1,762)	(2,324)*	(2,324)*	(2,324)*	-	-	-
1,0 m	896*	630	584	1.046*	836	771	1,427*	1.,274	1,157	-	-	-
(3’-3‘‘)	(1,976)*	(1,389)	(1,287)	(2,307)*	(1,843)	(1,699)	(3,148)*	(2,809)	(2,551)	-	-	-
0,0 m	927*	646	598	1,145*	811	747	1,663*	1,220	1,106	3,065*	2,321	2,015
(0’-0‘‘)	(2,044)*	(1,424)	(1,318)	(2,524)*	(1,789)	(1,647)	(3,667)*	(2,691)	(2,440)	(6,759)*	(5,118)	(4,444)
- 1,0 m	957*	729	672	1,102*	804	740	1,643*	1,205	1,092	2,788*	2,325	2,019
-(3’-3‘‘)	(2,110)*	(1,606)	(1,483)	(2,431)*	(1,773)	(1,632)	(3,623)*	(2,658)	(2,408)	(6,149)*	(5,127)	(4,452)
- 2,0 m	952*	952*	897	-	-	-	1,288*	1,225	1,111	2,104*	2,104*	2,058
-(6’-7‘‘)	(2,100)*	(2,100)*	(1,979)	-	-	-	(2,840)*	(2,701)	(2,449)	(4,640)*	(4,640)*	(4,538)

Tab.16: Lifting force table ET42 – schwenkbares Planierschild, long dipper stick, steel track, with additional rear weight