

### LEVIN SAWMAKERS LTD.

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## 2023 PLANTING SEASON

### **Ultra Lite Planting Spade**

Over the past 3 seasons we have been working with forestry crews to provide them with a strong lightweight planting spade with a very thin blade to penetrate the ground more easily. Blade shape, design, thickness and length is very important to allow the soil to be opened and cultivated with the least amount of effort without sacrificing the initial growth of the seedling. Shaft shape and spade length is equally important to maximise planting numbers per day and creating a very light weight spade minimises the fatigue compared to carrying a heavier spade.

- New blade shape and design
- Optimised blade length and thickness
- Easier to open and cultivate soil supporting initial seedling growth
- Spade shaft and length maximise daily quotas
- Less fatigue compared to carrying a heavier spade
- Ideally suited for less stoney/rocky ground
- Zinc coated to minimise mud/clay from sticking to blade

For those who love the "TS Spade" range, this is an ideal product to try!

	Spade	Shaft Straight or Offset	Overall Length		Blade Length	Blade width top	Blade width bottom	Blade thickness	Weight
Ul	tra Light (Gold)	Straight	905mm	Round	270mm	130mm	110mm	2mm	1.93kg

### **Spade Handles**

We are always trying to improve our products and make them more effective and easier to use with less effort. We work with forestry crews and get feedback on what's required in the harsh forestry industry.

As an example, we found out a few years back the rubber over mould on our spade handles was failing and breaking away. We found the cause was sweat delaminating the rubber. We worked with our NZ handle manufacturer, to completely redesign the shape of the handle and grip and also the material, completely eliminating the previous issues across all our planting spade range.

#### The result is:

- New redesigned oval grip and handle
- New improved material
- They do not come apart
- They are more comfortable
- More ergonomic requiring less effort
- Reduced shock on the wrist, shoulder and elbow
- More trees planted



Ultra Lite Planting Spade Code: ULS \$151.80 Incl. GST

#### PLANTING SPADES

**APRII 2023** 

Years of design & development with forestry planting contractors has resulted in these specific spades.



The Ace 1, Ace 1 Light King and Poker spades have their shafts parallel to the blades. The blades are round mouthed and double bevel ground for fast deep penetration of the ground.

The Jack 1, 2, 3 and Little Ripper have their shafts offset to the blades. This allows for greater cultivation of the planting hole with less body movement by the person planting.

Ace 1: Good all rounder for most soil types.

Ace 1 Light: Specially designed for soft or pre-cultivated soils

**King:** The narrow blade enters the harder clay soils much easier. Good in stoney ground and opens a small hole for sand work. **Poker:** A good "All Rounder" spade with a straight shaft to give direct penetration. The high tensile blade also offers maximum

penetration with its tapering sides going down to a slightly flat vee. A nicely balanced spade for hard to plant areas

including stoney ground.

Jack 1: Good all rounder for most soil types. Ideal for extra cultivation

Jack 2: Designed for those who need to remove soil from the planting hole.

**Jack 3:** Same as the Jack 2 except with elevated foot plates and it is left unpainted to prevent mud and dirt sticking to the blade.

Little Ripper: Designed for soft or pre-cultivated soils where cultivation is not so important.

Spade	Shaft Straight or Offset	Overall Length	Blade Shape	Blade Length	Blade Width Top	Blade Width Bottom	Blade Thickness	Weight
Ace 1 (Black)	Straight	960mm	Round	300mm	170mm	120mm	4mm	2.90kg
Ace 1 Light (Grey)	Straight	960mm	Round	300mm	170mm	120mm	3.2mm	2.75kg
King (Red)	Straight	980mm	Round	320mm	150mm	100mm	4mm	2.85kg
Poker (Green)	Straight	960mm	Pointed	290mm	150mm	125mm	4mm	2.70kg
Jack 1 (Blue)	Offset	960mm	Round	300mm	170mm	120mm	4mm	3.10kg
Jack 2 (Blue)	Offset	960mm	Square	300mm	170mm	125mm	4mm	2.95kg
Jack 3 (Unpainted)	Offset	960mm	Square	300mm	170mm	125mm	4mm	3.30kg
Little Ripper (Wineberry)	Offset	960mm	Round	280mm	135mm	90mm	4mm	2.30kg

### **4WD SPADE**

Tough, but compact enough to tuck away in the back of your 4WD and pull it out when you need it.



### **PLANTING SPADES**

**APRIL 2023** 



**KT Spade:** For use in well cultivated or easy to penetrate soil. Designed with a 400mm length blade, 100mm longer than

traditional spades. After extensive trials, a major forestry company now insists on the KT spade to facilitate deeper

and straighter root placement for good growth and anchorage in strong winds.

Beez Neez: Designed specifically for planting MANUKA and Native seedlings. Also excellent for many other seedlings where a

small planting hole is required. Ideal for planting plugs. High tensile blade with a tapered spike to penetrate tough rock and clay soils to help cultivate below the root structure without leaving large air pockets. T-Bar handle to easily screw the blade around forming a round hole for larger pots. Also available with a shorter shaft and Timbersaws

spade handle.

Bushpro: The PC290 Hiballer and PC270 Speed are tough, lightweight, Stainless Steel Planting Spades with a Comfort D

handle.

TS4/5/6/7 & Walsh: A drop forged trenching spade that has been modified and strengthened for planting trees. Good in all soil types.

### SPADE HANDLES

Timbersaws spade handles have now been extensively redesigned to stand the toughest conditions.

- The inside of the D handle has been made wider for bigger hands with an oval grip for comfort.
- The spade yoke is made from nylon impregnated with rubber to assist with impact shock absorption.
- The handle grip is over moulded with a new vulcanized thermoplastic rubber for ultimate grip, comfort and durability.
   This special over mould substance will not break down with sweat, salt air or U.V and is non slip wet or dry. It also has the lowest rating for muscular activity with less effort needed to grip, less muscle strain and less fatigue for the user.



Order Code	Shaft Straight or Offset	Length	Blade Length	Blade width top	Blade width bottom	Blade thickness	Weight
KT Spade	Straight	970mm	400mm	180mm	130mm	4mm	3.05kg
Beez Neez T	Straight	1100mm	250mm	100mm	80mm	4mm	3.20kg
Beez Neez H	Straight	900mm	250mm	100mm	80mm	4mm	2.25kg
PC290	Straight	864mm	230mm	108mm	83mm	3mm	1.50kg
PC270	Straight	864mm	220mm	98mm	70mm	3mm	1.40kg
TS4	Straight	900mm	310mm	150mm	110mm	3mm	2.30kg
TS5	Offset	900mm	310mm	150mm	110mm	3mm	2.30kg
TS6	Straight	960mm	310mm	150mm	110mm	3mm	2.40kg
TS7	Offset	960mm	310mm	150mm	110mm	3mm	2.40kg
Walsh	Offset	1010mm	300mm	150mm	110mm	3mm	2.40kg

#### PLANTING BAGS AND FRAMES

**APRIL 2023** 

Planting Bag for carrying seedlings (CL35G)



#### **Planting Bag CL35G**

Heavy duty PVC bag for carrying seedlings, with a sturdy waist belt with metal buckle and quick release padded shoulder strap.

**TOTAL CL35G** 

\$84.53

**Prices incl. GST** 

#### **Planting Bag CL35SQ**

Heavy duty PVC bag for carrying seedling boxes, with a sturdy waist belt with metal buckle and quick release padded shoulder strap.

**TOTAL CL35SQ** 

\$97.75

**Prices incl. GST** 

Planting Bag for carrying seedling boxes (CL35SQ)



## **Bushpro Canadian Planting Bag**

2 side bags and a rear bag (removable) with several pockets and a skirt closure to keep your stuff clean and dry.



1 small pouch for use as a flagging tape dispenser. Padding around waist and shoulder straps for comfort and weight distribution. Chest clip has whistle built in.



(Stainless Steel) - Code: PF



Used to carry standard seedling boxes for planting. Made from Stainless Steel to prevent rusting. Can be fitted with Waist Pad (CL55) and Heavy Duty Steel Buckle Belt (CL50) or Backboard (BB1) and small pad (CL45Y).

Prices are Inclusive of GST. For more information visit www.timbersaws.co.nz



### LEVIN SAWMAKERS LTD.

#### PLANTING FRAMES AND HARNESSES APRIL 2023

Planting Frame (stainless steel) with Waist Pad and Heavy Duty Belt

Planting Frame Kit F	PF300		
Planting Frame (Stainless Steel) (PF)	\$40.83		
Waist Pad (CL55) (Colour may vary)	51.75		
Heavy Duty Belt with steel buckle (CL50)	\$27.83		
Belt Slide Tri-Glide (CL57)	\$2.30		
TOTAL PF300	\$122.71		
Prices incl. GST			



Planting Frame (stainless steel) with Back Board, Pad and Heavy Duty Belt

Planting Frame Kit PF301			
Planting Frame (Stainless Steel) (PF)	\$40.83		
Back Board (BB1)	\$24.98		
Pad (CL45Y)	\$12.08		
Heavy Duty Belt with steel buckle (CL50)	\$27.83		
TOTAL PF301	\$105.71		
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**Prices incl. GST** 



Padded Planting Harness with Planting Frame (stainless) Backboard and Belt



Optional:2 metres 4mm Cord (31-250) \$2.45 per metre Incl. GST

Padded Planting Harnes	s PF302
Planting Harness (WTPH)	\$283.00
Planting Frame (stainless) (Stainless Steel) (PF)	\$40.83
Backboard (BB1)	24.98
Heavy Duty Belt with steel buckle (CL50)	\$27.83
TOTAL PF302	\$376.64

**Prices incl. GST** 

Planting Frame Kit PF303				
Planting Frame (Stainless Steel) (PF)	\$40.83			
Waist Pad (CL55) (colour may vary)	\$51.75			
Shoulder Strap & Pad (CL40)	\$25.88			
Heavy Duty Belt with steel buckle (CL50)	\$27.83			
TOTAL PF303	\$146.29			
Prices incl. GST				

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Planting Frame (Stainless Steel) with Waist Pad, Shoulder Strap and Heavy Duty Belt



Prices are Inclusive of GST. For more information visit www.timbersaws.co.nz



### LEVIN SAWMAKERS LTD.

## NG SEAS

**APRIL 2023** 



### **Planting Frame Kits**

Planting Frame Kit PFK04	
2 x Timbersaws Planting Frame (Stainless Steel) (PF)	\$81.66
2 x Timbersaws Backboard (BB1)	\$49.96
1 x Waist Pad (CL55) (colour may vary)	\$51.75
1 x Heavy Duty Belt with Steel Buckle (CL50)	\$27.83
TOTAL PFK04	\$211.20

**Prices incl. GST** 

Planting Frame Kit PFK06			
2 x Timbersaws Planting Frame (Stainless Steel) (PF)	81.66		
2 x Timbersaws Backboard (BB1)	\$49.96		
1 x Thinning Harness (WTTH)	\$295.00		
1 x Heavy Duty Belt with Steel Buckle (CL50)	\$27.83		
TOTAL PFK06	\$454.45		

**Prices incl. GST** 





Optional Water Bottle/Fuel Pouch



#### **Optional Extras**

Optional Water Bottle/Fuel Bottle Pouch, holds a 1L bottle and a 600ml bottle or 2 x 1L bottles.

Water or Fuel Bottle Pouch - Clipped (CL85C)	\$29.33
Water or Fuel Bottle Pouch - Velcro (CL85V)	\$29.33

**Prices incl. GST** 







CL85V

Prices are Inclusive of GST. For more information visit www.timbersaws.co.nz



PLANTING WITH SEEDLING BOXES

**APRIL 2023** 

# Planting Bags for Seedling Boxes on a Bushpro Harness

**Bushpro Harness (BPH)** 



#### **Bushpro Harness BPH**

Simply bolt one or two 4B Planting Bags to the Bushpro Harness belt and you can carry seedling boxes on your harness.

**TOTAL BPH** 

\$122.25

Prices incl. GST

#### 4B Planting Bag only 4BPB

The 4BPB planting bag can be attached to a Bushpro harness to carry seedling boxes.

**TOTAL 4BPB** 

\$84.00

**Prices incl. GST** 

4B Planting Bag only. (4BPB)



4B Planting Kit 1 (4BK1)



TOTAL 4BK1	\$255.37
Water Bottle Pouch (velcro) (CL85V)	\$29.33
4B Planting Bag (4BPB)	\$84.00
Bushpro Harness (BPH)	\$122.25
4B Planting Kit 1	4BK1

**Prices incl. GST** 

4B Planting Kit 2	4BK2		
Bushpro Harness (BPH)	\$122.25		
2 x 4B Planting Bag (4BPB)	\$168.00		
Water Bottle Pouch (velcro) (CL85V)	\$29.33		
TOTAL 4BK1	\$319.57		
Prices incl. GST			

4B Planting Kit 2 (4BK2)



Prices are Inclusive of GST. For more information visit www.timbersaws.co.nz



### LEVIN SAWMAKERS LTD.

PLUG PLANTING

**APRIL 2023** 

## **Planting from Plug Trays**

PLUG Kit 3 (PPFK03)	
1 x Timbersaws Plug Planting Frame (PPF)	\$54.40
1 x Timbersaws Backboard (BB1)	\$24.98
1 x Waist Pad (CL55) (colour may vary)	\$51.75
1 x Heavy Duty Belt with Steel Buckle (CL50)	\$27.83
TOTAL PPFK03	\$158.96

**Prices incl. GST** 

PLUG Kit 4 (PPFK04)	
2 x Timbersaws Plug Planting Frame (PPF)	\$108.80
2 x Timbersaws Backboard (BB1)	\$49.95
1 x Waist Pad (CL55) (colour may vary)	\$51.75
1 x Heavy Duty Belt with Steel Buckle (CL50)	\$27.83
TOTAL PPFK04	\$238.34

**Prices incl. GST** 



Stainless Steel Planting Frames



PLUG Kit 5 (PPFK05)	
1 x Timbersaws Plug Planting Frame (PPF)	\$54.40
1 x Timbersaws Backboard (BB1)	\$24.98
1 x HD Padded Thinning Harness (WTTH)	\$295.00
1 x Heavy Duty Belt with Steel Buckle (CL50)	\$27.83
TOTAL PPFK05	\$342.21

**Prices incl. GST** 

PLUG Kit 6 (PPFK06)	
2 x Timbersaws Plug Planting Frame (PPF)	\$108.80
2 x Timbersaws Backboard (BB1)	\$49.95
1 x HD Padded Thinning Harness (WTTH)	\$295.00
1 x Heavy Duty Belt with Steel Buckle (CL50)	\$27.83
TOTAL PPFK06	\$421.59

**Prices incl. GST** 



Prices are Inclusive of GST. For more information visit www.timbersaws.co.nz



### LEVIN SAWMAKERS LTD.

PLANTING EXTRAS

**APRIL 2023** 



### **Planting Optional Extras**



	Thinning Harness Kit (PPFM for Plug Planting with optiona	
-	Thinning Harness (WTTH)	\$295.00
-	Lunch Pouch (L/Pouch)	\$82.00
۶	Heavy Duty Belt with Steel Buckle (CL50)	\$27.83
•	Water or Fuel Bottle Pouch - Clipped (CL85C) (colour may vary)	\$29.33
•	Water or Fuel Bottle Pouch - Velcro (CL85V) (colour may vary)	\$29.33
•	2 x Timbersaws Plug Planting Frame (Stainless Steel) (PPF)	\$108.80
•	2 x Timbersaws Backboard (BB1)	\$49.96
	TOTAL PPFK06X	\$622.24
	Prices incl. GST	



Bum Bag NO Belt (CL71G) (Colour may vary) \$31.05 Incl. GST

Bum Bag with Belt (not pictured) (CL70G) (Colour may vary) \$37.95 Incl. GST

Thinning Harness Kit (PFK for seedling boxes with option		
Thinning Harness (WTTH)	\$295.00	
Lunch Pouch (L/Pouch)	\$82.00	
Heavy Duty Belt with Steel Buckle (CL50)	\$27.83	
Water or Fuel Bottle Pouch - Clipped (CL85C)(colour may vary)	\$29.33	
Water or Fuel Bottle Pouch - Velcro (CL85V)(colour may vary)	\$29.33	
2 x Timbersaws Planting Frame (Stainless Steel) (PF)	\$81.66	
2 x Timbersaws Backboard (BB1)	\$49.96	
TOTAL PFK06X	\$595.10	
Prices incl. GST		

Prices are Inclusive of GST. For more information visit www.timbersaws.co.nz



### LEVIN SAWMAKERS LTD.

### PLANTING EXTRAS

**APRIL 2023** 

Timbersaws Plug Planter

Code: TPP50

(55mm plug) 151.80 Incl. GST

Code: TPP35 (70mm plug)

169.05

Incl. GST

Timbersaws Plug Planting Frame (PPF)



Timbersaws Backboard (BB1)



Donkey Pack (DKY1) \$595.00 Incl. GST



Waist Pad (CL55) (Colour may vary) for 50mm / 2" wide belts



Heavy Duty 2" Wide Belt with Steel Buckle (CL50)



Waist Pad (CL55Y) (Colour may vary) for 75mm / 3" wide belts



3" Wide Padded Belt with Steel Buckle (WT01)



\$108 Incl. GST

Thinning Harness (WTTH)

(Belt not included) \$295.00 Incl. GST











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