

WILLY ORIS GROUP

TURBO-DIGGER
Let air do the work!



TURBO-DIGGER

Spade - Shovel - Chisel - Point chisel - Scraper - Compactor

Revolutionary tools: this is the device of the future, regarding the work and health points of view



Application fields:

Underground workings:

- trial trench of smallest dimension
- trial holes
- undermining works
- smallest excavation
- trenching works at inaccessible parts
- compacting of small trenches

Building construction:

- removal of cement rendering
- striking off of plaster
- stripping off bitumen layers
- old construction restoration

Gardening and landscaping:

- excavation of plants
- removing of hardened fill (for example ballasted ways)
- loosen footpaths and pavements
- dig plant holes smoothly and quickly
- raising of path slabs
- loosen of sward

Functioning of the TURBO-DIGGER:

Due to its construction and ergonomic design the TURBO-DIGGER is a working tool which enables a rational working and a simultaneous reduction of the burden of the personnel. The striking mechanism working in the TURBO-DIGGER can be switched on as required so that works which had been performed in former times with 2 tools (pick and shovel oder spade) can now be accomplished easier and faster with only one device. In principal the TURBO-DIGGER is being inserted as a traditional shovel (spade). If now the circumstances require the application of a device for breaking up the ground, the striking mechanism can be activated by means of a release knob and the work can be continued without interruption. Due to the quick-changing device the TURBO-DIGGER can be changed with just one handhold to: a light compressed air pick, compressed air scraper, compactor, rinsing device, chisel or point.



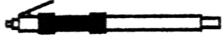
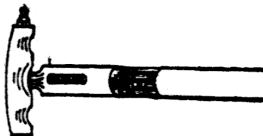
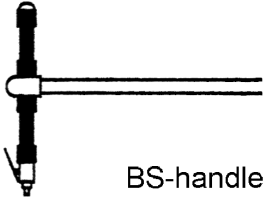

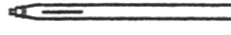
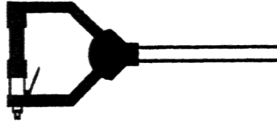
Technical Data: without tools

Type	TD-80	TD-110	TDS	TD SII	TD SIII
air consumption l/min	150	150	230	300	400
work.pressure bar	6-8	6-8	6-8	6-8	6-8
no. of strikes/min	3500	3500	3100	2300	1800
length cm	80	110	80/110	80/110	80/110
weight kg	2,4	2,2	2,8	4	5

- the TURBO-DIGGER accomplishes two working procedures in one (for example pick and shovel)
- it increases the working efficiency and
- it reduces the burden of the personnel

EFFECTIVE and ERGONOMIC
the TURBO-DIGGER:
TD 60 - TD 80 - TD 110 - TDE - TDS - TDS II

Technical Data:

TD 60 :	Sticklength 60 cm, Air consumption l/min: Work. pressure bar: No. of strikes/min: Weight kg:	Release handle: Metal, added at side . 150 6-8 3500 ca. 2,4	
TD 80 :	Sticklength 80 cm,	Release handle: Alu-T-Handle	
TD 110 :	Sticklength 110 cm, Air consumption l/min: Work. pressure bar: No. of strikes/min: Weight kg:	Release handle: Plastic, integrated 150 6-8 3500 ca. 2,6	
TD 80 S:	Sticklength 80 cm,	Release handle: Alu-T-Handle	
TD 110 S:	Sticklength 110 cm, Air consumption l/min: Work. pressure bar: No. of strikes/min: Weight kg:	Release handle: Plastic, integrated 230 6-8 3100 ca. 2,9	
TD 80 S II:	Sticklength 80 cm,	Release handle: Alu-T-Handle	
TD 110 S II:	Sticklength 110 cm, Air consumption l/min: Work. pressure bar: No. of strikes/min: Weight kg:	Release handle: Plastic, integrated 300 6-8 2300 4	
TDE:	Sticklength 110 cm, Air consumption l/min: Work. pressure bar: No. of strikes/min: Weight kg:	Release handle: Plastic, integrated 300 6-8 3500 ca. 5,2	
TDE S:	Sticklength 110 cm, Air consumption l/min: Work. pressure bar: No. of strikes/min: Weight kg:	Release handle: Plastic, integrated 460 6-8 3100 ca. 5,8	
TDE S II:	Sticklength 110 cm, Air consumption l/min: Work. pressure bar: No. of strikes/min: Weight kg:	Release handle: Plastic, integrated 600 6-8 2100 ca. 8	
TD 80 SIII	Sticklength 80 cm Air consumption i/min: Work pressure bar: No. of strikes/min: Weight kg	Release handle: D-form, metal 400 6-8 1800 ca. 5	

Turbo-Digger application fields of the different types TD / TDS / TDS II

application / type	TD	TDS	TDS II
Building construction:			
removing of ceramic, plaster and mortar	x	x	
bottom coverings (linoleum, plastic, parquetry, carpet)	x	x	
removal of cement rendering	x	x	
making cuts for cable installations etc.	x	x	
old construction restoration	x	x	
Bridge renovation working		x	
Underground working:			
loosening of removable material:			
mud, frozen sand, fracture cleavage		x	x
removing of potters clay			x
bitumen layers, tarboard, bottom covering (all kinds)		x	x
making foundation pits		x	x
foundation excavation in smallest dimendions		x	x
undermining		x	x
working small wells		x	x
compacting at inaccessible parts			x
compacting in narrow space between cables and ducts			x
bridge and building renovation		x	x
Landscaping and gardening:			
loosening or slacking of all removing materials		x	x
also frozen soil			x
removing of tar, beton			x
bale cuttering			x
roots cuttering			x
diggering of plant holes, foundation pits		x	x
diggering of holes for piles, posts fences, gates		x	x
compacting in narrow space: small gardens, terraces			x
Special operating fields:			
tank depot cleaning		x	x
fuel tank cleaning		x	x
military renovation			x
dry cleaning for large machines and equipments		x	
removing of bark		x	x

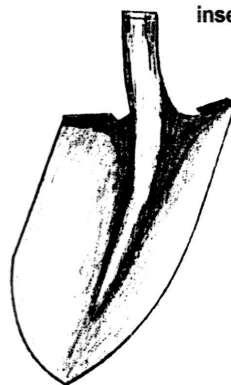
Insert Tools



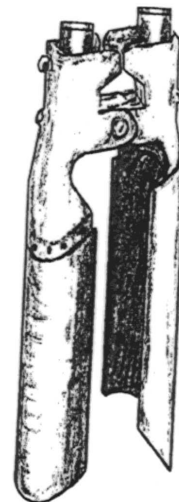
insert spade



peat spade



insert shovel



insert
manual
excavator

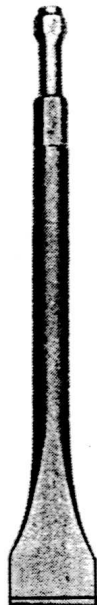
Insert Tools



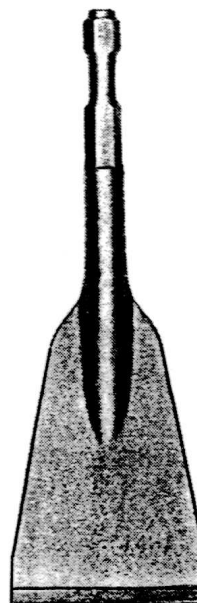
point chisel



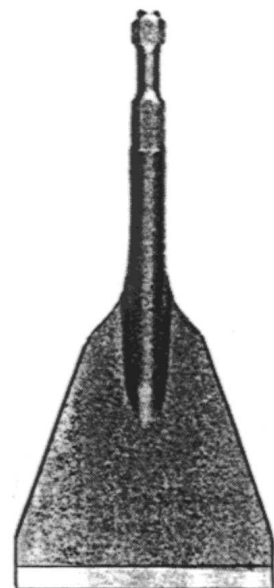
flat chisel 25 mm



flat chisel 40 mm



scraper 100 mm



scraper 120 mm

MTM Plant-Bale Digger " BS "

an ergonomic and effective dippler and plant-bale digger



Pneumatic plant-bale digger with including striking mechanism to dig and cut small plant bales up to a diameter of 30 cm.

With an isolated grip and the release lever on the top, therefor easy handling, even in the cold season.

Especially to dig in hard, heavy and dry soil.

With quickchanging of the tool, to change quick and easy the tool you wish to work.

Technical Data:

air volume	300 l/min
pressure	6 - 8 bar
blow rate	2300 / min
weight	ca. 6 kg
length	115 cm

Application fields:	S	SII
Building construction:		
Building renovation	x	x
Removing of ceramic, plaster and mortar	x	x
Removing of bottom, coverings (linoleum, plastic, parquetry, carpet)	x	
Removing of cement rendering	x	
Making cuts for cable installations etc.	x	x
Old construction restoration	x	x
Roof renovation		x
Wood renovation		x
Underground working:		
Take off clay, frozen sand, fracture cleavage	x	x
Removing of potters clay, paving tiles	x	x
Bitumen layers, tarboard, bottom covering (all kinds)	x	x
Trenching of hard or dry soil	x	x
Foundation excavation in smallest dimensions	x	x
Undermining	x	x
Working small wells	x	x
Compacting at inaccesable parts		x
Compacting in narrow space between cables and ducts		x
Bridge and building renovation	x	x
Landscaping and gardening:		
Take off all removing materials: frozen sand, clay, green	x	x
Plant-hole digging		x
Removing of tar and beton		x
Plant bale cutting		x
Roots cutting		x
Digging of foundation pits, holes for piles, post fences, gates	x	x
Compacting in narrow space: small gardens, terraces		x
Special operating fields:		
Tank depot cleaning	x	x
Cleaning of spraying cabins	x	x
Military renovation		x
Dry cleaning for large machines and equipments	x	
Removing of bark	x	x

Technical Data Turbo-Digger

Typ / Power	Shaft length	Handle	Strikes per min	Air consumption	Air pressure	Weight
TD 60 S	60 cm	Tie handle	3100	230 l/min	6 - 8 bar	3,0 kg
TD 80 S	80 cm	Alu-T	3100	230 l/min	6 - 8 bar	3,3 kg
TD 80 S D	80 cm	Steel-D	3100	230 l/min	6 - 8 bar	4,2 kg
TD 110 S	110 cm	POM integrated	3100	230 l/min	6 - 8 bar	2,9 kg
BS/S	80 cm	Steel-T large	3100	230 l/min	6 - 8 bar	4,5 kg
BS/SII	80 cm	Steel-T large	2300	300 l/min	6 - 8 bar	5,1 kg
TD 60 SII	60 cm	Tie handle	2300	300 l/min	6 - 8 bar	3,9 kg
TD 80 SII	80 cm	Alu-T	2300	300 l/min	6 - 8 bar	4,1 kg
TD 80 SII D	80 cm	Steel-D	2300	300 l/min	6 - 8 bar	5,1 kg
TD 110 SII	110 cm	POM integrated	2300	300 l/min	6 - 8 bar	3,7 kg
TDL	80 cm	Steel-T large	1800	400 l/min	6 - 8 bar	8,0 kg
BTS	150 cm	Steel-T large	2300	300 l/min	6 - 8 bar	8,0 kg
TTS	110 cm	Steel-D	2300	300 l/min	6 - 8 bar	6,0 kg
TTS II	110 cm	Steel-D	1800	400 l/min	6 - 8 bar	12,0 - 13,0 kg



TD 60



TD 80



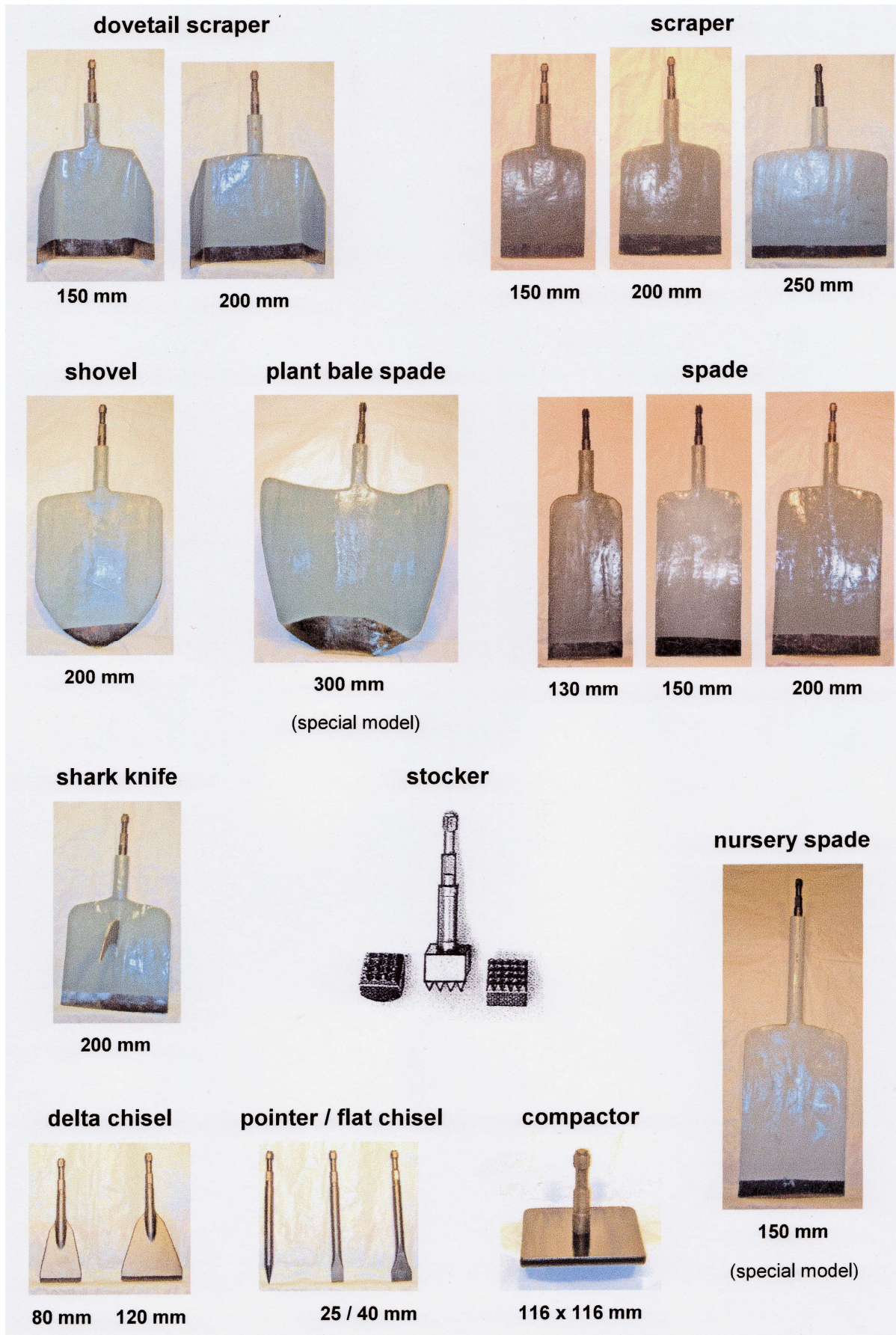
TD 80 D



TD 110



BS



Turbo-Digger Erdlocher TDL

quick - exact - save - ergonomic

The TDL is a pneumatic device to make quick and easy holes in the ground to plant, to replace signs, to make small foundation pits for gates, fences, devices of playgrounds and so on.

During the exactly operating of the TDL the plant hole will be without siltation or compacting. It is open for growing in of roots in the forest and in the tree nursery. The TDL stamps ergonomically and exactly round holes while the earth's core will be removed automatically.



Technical Data:

air volume	450 l
air pressure	7 - 8 bar
weight	ca. 10,5 kg
length o.a.	120 cm
tool diameter	15 cm (standard) other diameters are possible

Pneumatischer Handbagger "PHB"

Pneumatic manual post hole digger (excavator) to make ergonomic, quick and easy all kind of **post holes**
foundation excavation
plant holes



<u>Technical data:</u>	air volume	450 l/min
	air pressure	7 - 8 bar
	no. strikes	1800 /min
	weight	ca. 12.3 kg
	length	120 cm
	tool diam.	13 - 15 cm

Turbo-Digger excavator „TDH“

To make quick and easy deep holes in hard and dry soil layer.

Application fields:

**foundation pits in fencing
foundation pits in pole construction
foundation pits in underground building
foundation pits in landscaping and gardening
plant holes in landscaping and nurseries**



Turbo-Digger BTS

quick - save - effective and ergonomic

Special pneumatic device to remove and cut in one operation:

Asphaltic felt

Turf

Carpeting

During the working of the impact mechanism of the BTS the special KNIFE cuts and removes the loosable surfaces directly in one operation in roof areas and ground areas.

The BTS makes possible to work with high protection and ergonomic result in difficult roof areas like inclinations.

The bended handle makes possible to work upright and comfortable also in inclined positions. The BTS removes loosable surfaces easy, quick and egonomic.



Technical Data:

length

ca. 150 cm (without tool)

weight

ca. 8 kg

air volume

300 l /min

air pressure

7 -8 bar

knife width

ca. 25 cm (as standard)

MINI-COMPACTOR TTS and TTS II

**to operate ergonomic and effective in cable trenches
utility trenches
surface compaction**

The "TTS" and "TTS II" is a pneumatic compactor with an integrated impact mechanism and a comfortable and ergonomic range of reach.

Leight in weight and easy and comfortable in handling through its rubber-dumped compactor tool .

Excellent using in narrow space like cable trenches - utility trenches and other surface compactions (manhole cover, firing of pipes) through its dimensions.

With easy changing of tamping plates in different dimensions.

Powerfull and ergonomic compacting of clay, gravel (broken stones), sand etc.



Technical Data:

	<u>TTS</u>	<u>TTS II</u>
air volume	300 l/min	450l/min
pressure	7-8 bar	7-8 bar
no. strikes	2000/min	1800/min
weight	ca. 5 kg	ca. 13,8 kg
length	95 cm	110 cm
compacting surface	15 x 15 cm (other dimensions are possible)	

Fertilizer injector air lance Turbo-Jet GLW 40

Aeration	Fertilization
Soil loosening	Ground renovation
Soil conditioning	Amelioration
Static water removement	Root exposure

Function: The Turbo-Jet GLW 40 is special pneumatic machine to work with controlled compressed air without damages at roots or other sensitive pieces. The air is accelerated inside the Turbo-Jet GLW 40 twice the speed of sound. The pulsating air particles of the GLW 40 are then injected out of the pipe into the ground and with in the pulsating air the GLW 40 breaks up the ground effective and also carefully. With the Turbo-Jet GLW 40 you can loose the soil only with air and inject directly water, liquid fertilizer, grain fertilizer or other solid matter up to a diameter of 9 mm rounded material.



Technical Data:	Air pressure	6 -8 bar
	Air volume	2,1 cbm
	Length	1,20 m
	Weight	9 kg

Fertilizer injector air lance Turbo-Jet RW 45 S

Aeration
Soil loosening
Soil conditioning

Fertilization
Ground renovation
Amelioration

How does the Turbo-Jet RW 45 S works: Compressed air is accelerated inside the RW 45 S to twice the speed of sound. The pulsating air particles are then ejected out of the straight pipe attachment with in turn, breaks up the ground, on contact, into tiny pieces. In case of necessary, this ground can be easily removed by the air stream of the Turbo-Jet RW 45 S

There are no damages of roots or cables or everything which is sensitive.

The pulsating air particles are very easy to control with the regulation screw on the top of the Turbo-Jet RW 45 S

With the Turbo-Jet RW 45 S you can inject fertilizer directly into the root area. You are able to use liquid fertilizer, grain fertilizer and other soil conditioning grains up to a diameter of about 4 - 5 mm rounded material.



Technical Data:

Air pressure	6 - 8 bar
Air volume	2,1 cbm
Length	1,20 m
Weight	7,5 kg

Turbo-Terra- Air „TTA“

pneumatic equipment for soil loosening

- aeration ● removal of static water
- ground renovation

Function: The TTA has an impact mechanism. If you press the trigger lever on the top, the integrated impact mechanism will drive in the steel pipe of the TTA into to the ground up to 50 cm with standard length. If using a special length of steel pipe the impact mechanism of the TTA can drive in 200 cm and more. By opening the air valve in every soil layer you wish the TTA will loosening and aerating the soil in different layers.



Technical Data:

	TTA	TTA II
air volume	300l/min	400l/min
pressure	6 - 8 bar	6 - 8 bar
no. strikes	2.300	1.800
weight	ca. 6 kg	ca. 10 kg
length	120 cm	120 cm
length steel pipe	50 cm	70 cm
diameter of steel pipe	22 mm	28 - 33 mm

REVITA

Device for soil renovation, drainage renovation
tree maintenance, permanent watering
Effective, versatile and easy in handling

application fields:

golf courses
riding arenas
green areas
tree population

sporting fields
race tracks
tennis courts
vine yards



technical data:

air volume	300 l/min	
pressure	6 - 8 bar	
weight	10 kg	
length	120 cm	
injection length	50 cm	(standard, special length possible)
injection diameter	22mm	

REVITA BR II

effective - lasting - quick - easy and economical

Application fields: renovation and attention of
 green areas
 green spaces
 sporting fields
 graveyard areas
 tree population
 root areas

The REVITA BR II is a pneumatic easy handling renovation device especially to work in the depth up to 100 cm and more.

The main applications are the loosening of hard and dry soil, the aereating of deep layer of soil. The REVITA BR II is also effective in removing of static water, in fertilizing directly at the root areas and in loosening of removable dry and seal surfaces.

The REVITA BR II is a complete and well movable device to blow in grains (\varnothing max. 14 mm rounded material) directly in the fissure that just made before in one operation.

The careful operation with the REVITA BR II guarantees a permanent improvement of the ground structure.



Technical Data:

air consume	450 l/min
air pressure	7 - 8 bar
weight	ca. 12 kg
kettle volume	ca. 2,8 l
length over all	ca. 130 cm
length of injection lancet	100 cm (special length possible)
diameter of injection lancet	ca. 30 mm standard

- pneumatic equipment for :
- soil aeration
 - soil loosening ● drainage renovation
 - fertilizing ● removal of static water
-

Function: The "BR I" is an especially ram-lancet which includes an impact mechanism and a fertilizer grain kettle to aerate, loose, fertilize and water difficult areas .

With switching on the impact mechanism the ram lancet goes tight into the soil in the same time you can also loosening the soil in the cleavage plane you wish. Normally the "BR I" steel injection pipe has a length of 1 m, it is also possible to take a longer ram-lancet as a special tool.

With the included grain kettle you blow in grains up to an diameter of 4 - 5 mm rounded material in the same operation you are loosening the soil. The injection of solid material makes sure that the aeration and soil loosening is constant.



Technical Data:

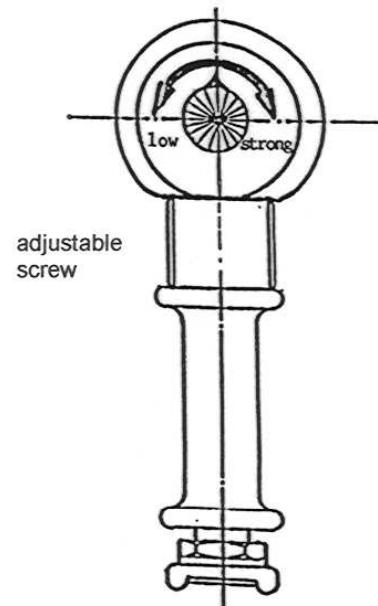
air volume	300 l/min
pressure	6 - 8 bar
blow rate	2.300
weight	ca. 8 kg
length steel pipe	1 m (special length possible)
diameter steel pipe	22 mm

TURBO-JET

for underground engineers and line constructors

Operation method

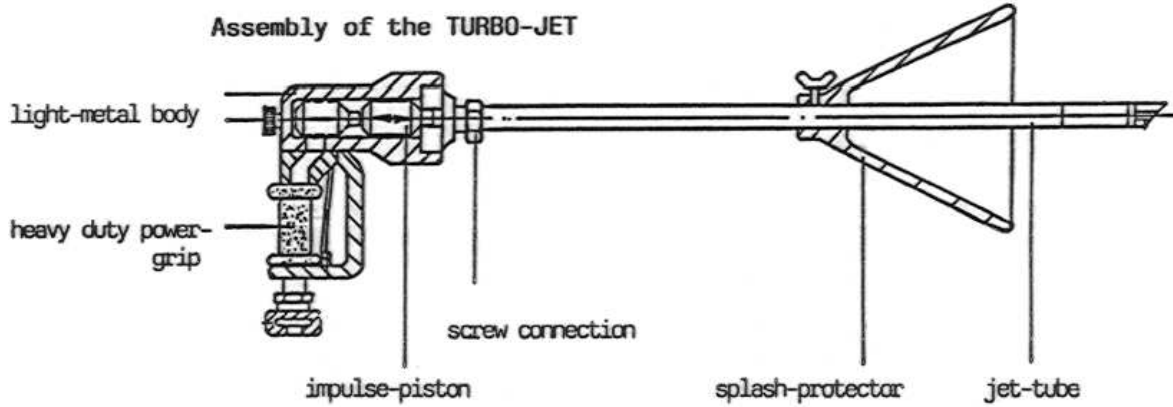
The compressed air streaming in the TURBO-JET will be again compressed to twice the speed of sound inside the casing by means of a piston. In order to support not only the effect but also the performance of the arising high-pressure air stream, it is cut inside the TURBO-JET with high frequency. Due to the decomposition of the air stream into up to 3500 single streams/min. you get a pulsating high-pressure air stream which is able to break down porous materials with its high moving energy. Also compacted soil can be broken up with easy by means of the TURBO-JET. Smooth surfaces such as cables and pipes will not be damaged and there is also no risk for the operator.



The advantages of the TURBO-JET:

- * no damages to cables and lines (no use of pick-axe)
- * high operation speed with low strain for the operator
- * non polluting cleaning without chemicals or solvents
- * good efficiency due to immediate operation without preparation

RW 45 Regulation System



What makes the TURBO-JET so unique

All TURBO-JET airknives do have the built in ability to speed up the compressed air to mach 2 and, within the same process give the airjet an impulse of approx. up to 3500 times a minute. This pulsating high-speed high-energized airjet breaks up any kind of porous soil or other porous material, without damaging objects with a plain surface like cables, plastic pipes or tree roots. The TURBO-JET airknives are highly effective tools wherever the soil needs to be broken up, even if there is no cable, or something you could needs to be broken up, even if there is no cable, or something you could damage with a pick, it still makes the work a lot faster.



Different TURBO-JET types



Easy recovering of cables

The great advantages of the TURBO-JET airknives

- no more damage to cables, plastic pipes or other sensitive objects.**
- Increased working speed with less trouble for you and your workers**
- Fits even to your special applications without any further setup-costs.**
- Proved safety by German TÜV**

Specifications:		
Type	TJ35W	RW45
Pressure (psi/bar)	110/7,6	110/7,6
Air Volume (cfm/m3)	120/3,4	120/3,4
Length (inch/cm)	47"/120	47"/120
Weight (lbs/kg)	11/5	12/5,4

MTM-PNEUMATIC PILE DRIVER

free working as self supporting

PR 24 - PR 26 S - PR 40 - PR 45 S

to drive in ● **Steelpipes**

● **Steel sections**

● **Earth rods**

● **Guide board piles**

● **Wooden piles and posts**

● **T-beams**

● **Vineyard piles**

● **Tubulars**

● **Fence piles**

● **Tent pins and posts**



The MTM- pile driver PR operates vertical and horizontal. The air pressure is between 5 and 6 bar, the air volume is very low!

Technical Data:	PR 24	PR 26 S	PR 40	PR 45 S
Weight:	25 kg	26 kg	40 kg	45 kg
Blow rate p. m.:	1400	1250	800	750
Air volume:	1,0 cbm	1,2 cbm	1,4 cbm	1,5 cbm
Length:	460 mm	500 mm	550 mm	570 mm
Max. outside diameter of the piles and post:	90 mm	110 mm	130 mm	140 mm

PNEUMATIC PILE DRIVER PRK and PRK-Z

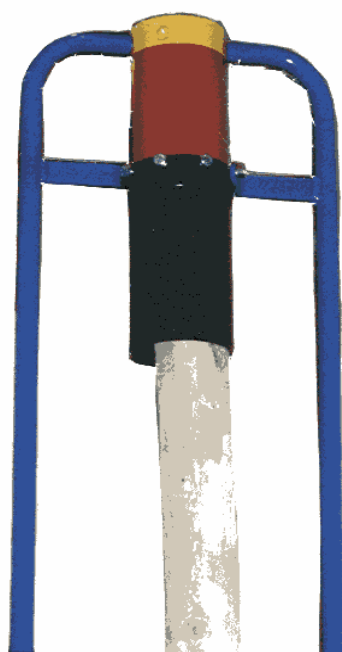
safe - quick - effective - powerful
ergonomic and easy in handling

To drive in posts and piles: to fence off, to restrict, to mark and to block.

The PRK and the PRK-Z works independent of the material like wood, steel, plastic, aluminium etc. it is also irrelevant if the posts are circular profile, squared profile, octagon profile, Z-section.

To drive in posts and piles quickly and ergonomically in the nurseries, in the vineyards, in the fruit-growing etc. up to a diameter of max. 100 mm.

To install signs like traffic signs, information signs, giving orders signs etc.



<u>TYP</u>	<u>length</u>	<u>weight</u>	<u>air pressure</u>	<u>air volume</u>	<u>outside diameter</u>
PRK	1 m	13,5 kg	8 bar	450 l/min	max. 80 mm
PRK-Z	1 m	13,8 kg	8 bar	450 l/min	max. 80 mm
PRK 10	1 m	14,8 kg	8 bar	600 l/min	max. 100 mm

MINI PILE DRIVER PR 4 and PR 4Z

For all kind of fencing and installing of posts
pneumatic - safety - quick - easy - ergonomic
compact and powerful

To drive in post and piles effectiv and ergonomic up to a diameter of max. 60 mm.
 You are able to drive in safty and in easy way posts and piles of metall, wood, plastic,
 carbon or other materials, independent of the form and the length.
 You are also able to drive in special soil sleeves while using an adapter.



Technical Data:

Typ	length	weight	air pressure	air volume	outside diameter
PR4	650 mm	ca. 8,5 kg	8 bar	450 l/min	max. 60 mm
PR4Z	600 mm	ca. 8,0 kg	8 bar	450 l/min	max. 60 mm
PR10	1000 mm	ca. 10,0 kg	8 bar	600 l/min	max. 100 mm

MTM "PBR" PNEUMATIC MINI PILE DRIVER

***compact * ergonomic * powerful * effective * quick * easy**

The "PBR" is a small pneumatic rammer to drive in piles and posts in an ergonomic and effective way.

The "PBR" has a quick closing mechanism to hold (fix) the posts - piles - rods within a diameter of 10 mm up to 38 mm.



The "PBR" is a mini pile driver with a multifunction in its applications. With the "PBR" you can drive in small piles and posts like "Tonkin rods" or wooden piles also in dry and hard or stony soil, as well as in wet and light soil. With the metall lance you are able to make holes before planting the piles and posts in dry and hard soil without destruction of the small and weak piles like growing rods or vineyard piles. If you don't need extra holes, you can remove the metall lance, so that the weight of the "PBR" is lower than before. With the "PBR" you are flexible, because the light weight gives you the possibility to work around your areal, even in narrow space between the new plants in nursery or fruit-growing.

If you operate only in wet and light soil you can drive in the piles and posts directly in two possibilities:

1. on the top - if you take short posts and piles
2. on the side - if you take longer posts and piles

Application fields: **nursery**
 fruit growing
 wine growing
 fencing



Technical data:

air volume	300 l/min
pressure	6 - 8 bar
blow rate	2.300/min
weight	8 - 10 kg
length	45 cm without ram lance 150 cm within ram lance

Mini-Pile and Tonkin driver "MPR"

Smallest pneumatic pile driver to drive in ergonomically small posts and piles in different material with a diameter from 10 mm to max. 35 mm into soil without stones.

The MPR has a mechanical quick shut to fix the posts and pi-



Technical Data:

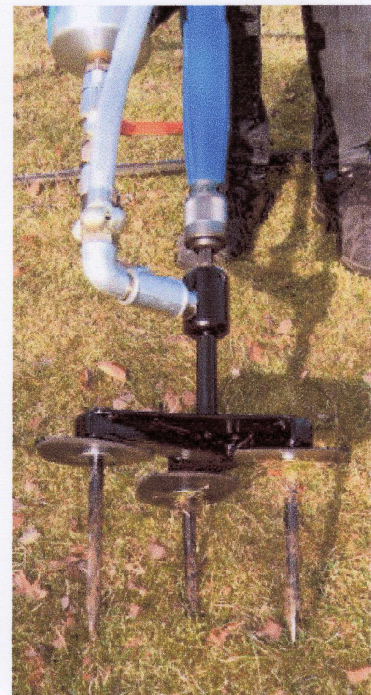
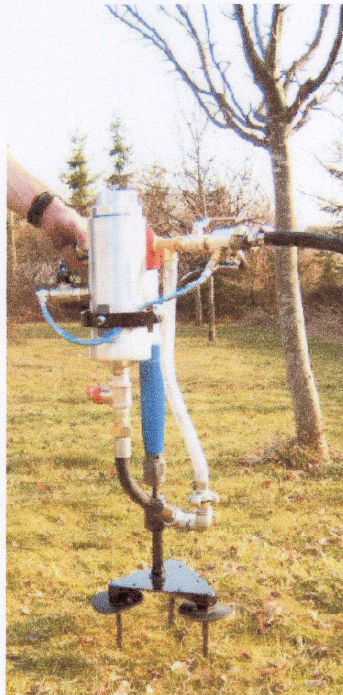
airvolume 300 l/min

REVITA-Tree

**Tree maintenance equipment
sensitive and effective in application**



The Revita-Tree is a soil renovation device especially in operation of the roots area in tree maintenance. With Revita-Tree you can create sensitive and effective into a depth of 15 cm – 30 cm. The Revita-Tree makes a special soil aeration and simultaneously fill in of liquid or solid material directly into the roots area.



Technical Data:

Overall length	ca. 100 cm (depen. injec. length)
Overall weight	ca. 13 kg (depen. injec. length)
Container volume	ca. 2 l
Length of inject. pipe	15 cm und 30 cm
Diameter of inject. pipe	14 mm

Biolift

Completely pneumatic soil renovation system, wheeled, for professional aeration and amelioration as well as tree maintenance in arboristic working area.

Especially to work successful in very dry and hard soil condition.

The Biolift consists of 1 compressor within Honda engine 9 PS, 1 injection device TTA WD to create in deep soil layers and blow in water and fertilizer or other liquid material into dry and hard soil.

The Biolift is very useful in permanent watering while it is working by an air water impulse pump additional a liquid flow regulation.

The main application field is the roots area in dry and compacted soil in cities, on vine yards, the compressed areas on golf courses, sporting fields, green areas, parks.
Another application field is the removal of static water on nature air fields, race courses and riding courses, tennis courts etc.



Technical Data:

Air volume	820 l/min
Air pressure	1 - 11 bar adjustable
Weight	ca. 172 kg
Power pack	Hondamotor 9 PS
Engine	Gasoline unleaded
Speed	ca. 3 - 4 km/h
Brake	hand brake locked
Air-Water-Impulse-Pump	max. 6 bar
Flow rate	max. 52 l/min
Delivery height	max. 70 water column
Solid material	max. 3 mm diameter