

# PORTABLE PETROL ENGINE IMPACT WRENCH NR-11P

## NR-11P

Ideal for Railways, Construction sites, Oil and Mining Industries, Shipyards.



**HIGH TORQUE**  
**1800 Nm**

### OPERATING HANDLE

With integral safety mechanism

EASY TO FILL  
LARGE FUEL TANK

EASY START  
ENGINE BUTTON

2 STROKE  
PETROL ENGINE



### PROTECTIVE SHIELD

To protect tank and engine from  
accidental shocks

### TORQUE SELECTOR

With 5 positions

### FORWARD/REVERSE SELECTOR

Smooth change

PRIMER

FLANGE FOR  
OPTIONAL  
SUPPORT TROLLEY  
INTERFACE KIT



VIBRATION  
ABSORBING  
DAMPERS

GEAR BOX

CENTRIFUGAL CLUTCH

PROTECTIVE  
SUPPORTING  
STRUCTURE  
ERGONOMICALLY  
DESIGNED

### IMPACT UNIT

Innovative patented system provides  
greater torque

1" SQUARE SOCKET DRIVE

# PORTABLE IMPACT WRENCH NR-11P

## MAIN APPLICATIONS:

Assembly of steel structures such as bridges, building frames, rail tracks, ship building, heavy equipment maintenance, pipelines and industrial applications.



The protective handlebar structure facilitates a comfortable dorso-lumbar operating position without wrist injury.

A reduced mandrel axis to machine base dimension facilitates a more convenient horizontal position for working with track bolts, even when operating across sleepers.

Anti-vibration couplings reduce transmission of vibration to the operator.



## POSSIBILITY OF EMPLOYMENT OF PORTABLE IMPACT WRENCH NR-11P WITH SUPPORT TROLLEY CS-SD

### IN VERTICAL



**KCS-NR** interface kit for **vertical use** with support trolley **CS-SD**



**KHOR-NR** interface kit for **horizontal use** with support trolley **CS-SD**



**NR11-P** can be used with the same **CS-SD** support trolley used with Cembre sleeper drilling machines.

### IN HORIZONTAL



# PORTABLE IMPACT WRENCH NR-11P

## GENERAL FEATURES

<b>ENGINE</b>	<b>Type:</b>	Two stroke, forced-air cooled, single cylinder
	<b>Displacement:</b>	55 cc
	<b>Fuel tank capacity:</b>	1,2 l
	<b>Fuel mixture ratio:</b>	{ Synthetic oil 1:50 2 stroke mineral oil 1:25
	<b>Revolution (idle):</b>	2800 rpm ± 200
	<b>Revolution (loaded, impact):</b>	7000 rpm
	<b>Revolution (non loaded, max):</b>	11500 rpm

- Ideal for railways
- Easy to carry
- Easy to use



<b>IGNITION</b>	<b>Type:</b>	Digital
	<b>Spark plug type:</b>	RAX 80 or equivalent

<b>CARBURETTOR</b>	<b>Type:</b>	Diaphragm
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<b>IMPACT UNIT</b>	<b>Square driver size:</b>	25,4 mm (1")
	<b>Fastening torque range:</b>	Full Throttle: 1800 Nm (1327 ft. lbs) Half Throttle: 800 Nm (590 ft. lbs)

<b>CAPACITY</b>	<b>Free mandrel speed :</b>	1300 rpm
	<b>Bolt diameter:</b>	up to 33 mm (1 1/4")

<b>WEIGHT</b>	<b>Dry:</b>	18,5 kg (40,7 lbs)
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### OPTIONAL ACCESSORIES:

Ref.	Description
<b>XT 100</b>	1" x 100 mm extension
<b>SJ 1"</b>	1" swivel joint
<b>CLIP NR</b>	Retaining circlip for fastening sockets to the mandrel.
<b>KCS-NR</b>	Kit for mounting NR11-P to CS-SD support trolley.
<b>CS-SD</b>	Support trolley common to NR11-P and sleeper drilling machines SD-9P and SD-10E.
<b>VAL P20</b>	Plastic box for storage of sockets and accessories.
<b>VAL NR</b>	Steel case for storage of NR11-P and VALP20 accessories box.

### DIMENSIONS mm



Standard and long impact sockets, extensions, swivelling shaft, adapters.

#### CLIP-NR



Retaining circlip for fastening sockets to the mandrel having an external diameter range: 47 ÷ 57 mm.  
3 pieces supplied as standard.

#### CLIP-NR 57



Retaining circlip for fastening sockets to the mandrel having an external diameter range: 57 ÷ 67 mm.  
1 piece supplied as standard.

#### VAL NR



#### VAL P20

