

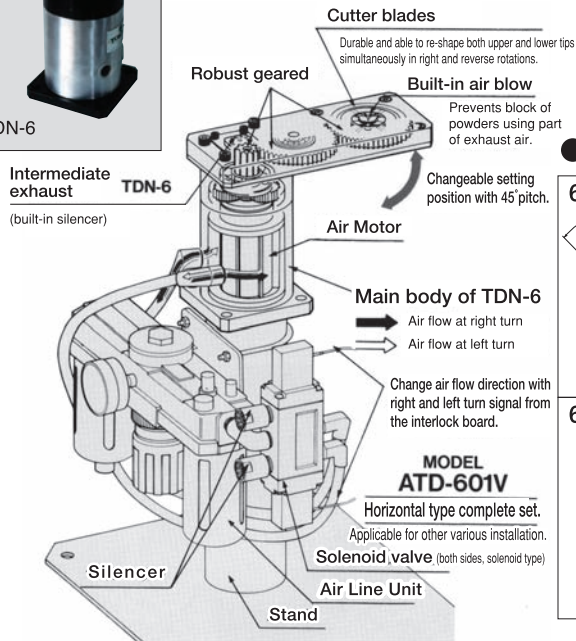
# TDN-6 SERIES AUTO TIP DRESSERS

## Electrode Tip Automatic Dresser of Rated Gun Force Type (PAT.)

For energy saving, rationalization, and unmanned system of any welding line.



TDN-6

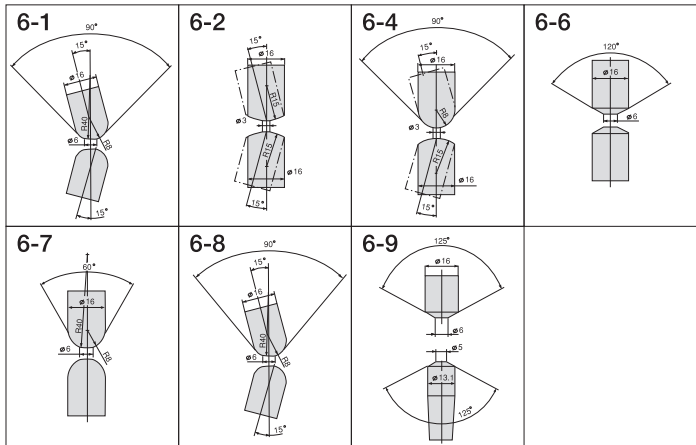


### Features

1. This dresser is designed to give high torque so that gun force adjustment is not required.
2. Dressing the tips at the same gun force as welding work so that concentricity of upper and lower tips is well improved.
3. Cutting chips are well discharged as the dresser repeats left and right rotation for dressing and exhaust is used as air blow.

### Dressing Shapes by TDN-6

UNIT(mm)



Model	Max. Tip Capacity mm(in)	Cutter Set Size mm(in)	Free Speed (Approx.) r.p.m.	No Load Air Consumption (Approx.) l/min(ft <sup>3</sup> /min)	Max. Torque N·m	Electrode Force kgf(KN)	Overall Length (about) mm(in)	Net Weight kg(lb)	Air Inlet Thread (Pipe Thread) Rc	Air Hose Size mm(in)	Air Pressure MPa(lb/in <sup>2</sup> )
TDN-6	24 (15/16)	□32(1 1/4)	120	900 (31.8)	137.3	170~550(1.7~5.5)	222 (8.7)	6.5 (14.3)	3/8	9.5 (3/8)	0.5 (71)

### FLOATING UNITS WITH TDN-6 AUTO TIP DRESSER

\*Height of Floating unit to be added to stand height is 142mm for horizontal setting and 80mm for side directional setting. UNIT(mm)

Setting	Model of Arrangement		
	TDN-6 only	TDN-6 and Stand	TDN-6, Stand, Air line unit and Solenoid Valve
Horizontal	<p>MODEL : TDN - 6</p>	<p>MODEL : ATD - 601S Horizontal installation type</p>	<p>MODEL : ATD - 601V</p>
Side Directional	<p>MODEL : TDN - 6</p>	<p>MODEL : ATD - 602LS Left Side directional installation type</p> <p>MODEL : ATD - 602RS Right Side directional installation type</p>	<p>MODEL : ATD - 602LV MODEL : ATD - 602RV</p>

#### Notes:

1. Stand minimum overall height is 300mm. Special dimensions and special stands are available upon request.
2. Please specify voltage and frequency of solenoid valve, if required.
3. Please specify maker and model of required solenoid valve, if any.