

## PROFESSIONAL MANAGEMENT IN LASER CUTTING! PROTASK

Flexibility in Business Management, Time Saving...

*PROTASK is full automatic task list software which is developed by DURMA for laser machines. With these perfect solutions, all CNC cutting programs to be processed on the machine are listed on the work task list. Also, all your parameters related to cutting are stored in memory to provide faster and better production lines.*

The screenshot displays the PROTASK software interface. At the top, it shows the time 16:50:06 and the status '700240 - STANDBY MODE ACTIVATED'. The 'Program Name' is set to '5MM'. The interface includes a list of programs on the left, a central table of task parameters, and a right-hand sidebar with various control buttons.

Task Activate	G.ID	Program Name	Material	Thickness	Nozzle	Sheet Len	Sheetregion	S.Total	S. Count	[A] Active	[S] Status	[P] Postate
<input checked="" type="checkbox"/>	1	004108	STAINLESS	1	1.5mm Single	X62 Y63	0x0	1	0	0	0	0
<input checked="" type="checkbox"/>	1	004109	STAINLESS	1	1.5mm Single	X1500 Y750	0x0	1	0	0	0	0
<input checked="" type="checkbox"/>	3	004106	STAINLESS	1	1.5mm Single	X62 Y63	0x0	1	0	0	0	0
<input checked="" type="checkbox"/>	4	10MM1	STAINLESS	10	4mm Single	X242 Y242	0x0	1	0	0	0	0
<input checked="" type="checkbox"/>	4	3MM	STAINLESS	1	1.5mm Single	X500 Y511	0x0	1	0	0	0	0
<input checked="" type="checkbox"/>	4	NEW_LASER	STAINLESS	1	1.5mm Single	X200 Y200	0x0	1	0	0	0	0
<input checked="" type="checkbox"/>	7	5MM	STAINLESS	1	1.5mm Single	X511 Y500	0x0	25	0	0	0	0

## Features

- Part programs with thicknesses of different material types can be placed on the same table and cut to the desired number.
- Since all parameter settings related to the cut will be made once in the beginning, the programs can be cut automatically without the need for operator intervention.
- There are also some additional functions on task list as job sequence change, task cancellation, reuse of the task list.

## Advantages

- Protask provides very big-time savings in the cutting process compared to the standard machine and increases in performance.
- With "Automatic Pre-Control System", errors that may occur by the operator are prevented and the loss of labor force is minimized.
- It provides 100% flexible usage due to job sequence change, task cancellation and recalculates of the task list.
- User-friendly interface provides easy adaptation by reducing operator learning time.
- Reduces energy consumption in parallel with reduced number of cycles between tasks.
- Increases productivity by 5% in total.