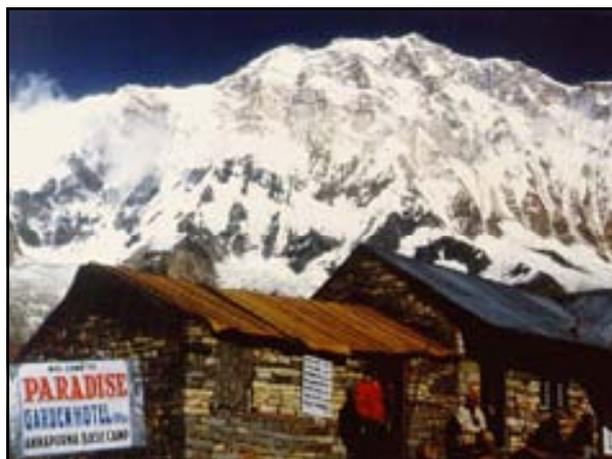


LA  
CARROZZINA



COS'E' ?

PER LA LINGUA ITALIANA....

*carrozzina* car|roz|zì|na s.f.

1 dim. carrozza

2 CO specie di culla con quattro ruote  
spinta a mano per portare a passeggio i  
neonati



....PER LA LINGUA ITALIANA.

*carrozzella* car|roz|zè|lla s.f.

4 CO veicolo per invalidi a due o più ruote,  
spinto a mano o a motore



PER L'ISO  
Organization for Standardization  
www.iso.org

CARROZZINA:  
AUSILIO PER PERSONE CON DISABILITA'

È PERTANTO INSERITA NELLA:

LA CARROZZINA È PERTANTO INSERITA NELLA:

Classificazione degli Ausili  
**Standard Internazionale ISO 9999:2002**

a sua volta recepito come  
➤ **Standard Europeo EN 29999**

e come  
➤ **Standard Italiano UNI-ISO 9999**



**LA SCELTA**

La scelta....

I PROTAGONISTI/SOGGETTI:

L' UTENTE

+

LA CARROZZINA

....la scelta....

L' UTENTE

....la scelta....

DINAMICO

DINAMICO CON GRAVE DISABILITA'

NON ATTIVO

NON ATTIVO CON GRAVE DISABILITA'

**Utente & Necessità**

**DINAMICO**  
Personalizzazione - Telaio pieghevole/rigido - Maneggevole

**DINAMICO CON GRAVE DISABILITA'**  
Personalizzazione - Telaio pieghevole/rigido - Maneggevole

**NON ATTIVO**  
Telaio pieghevole

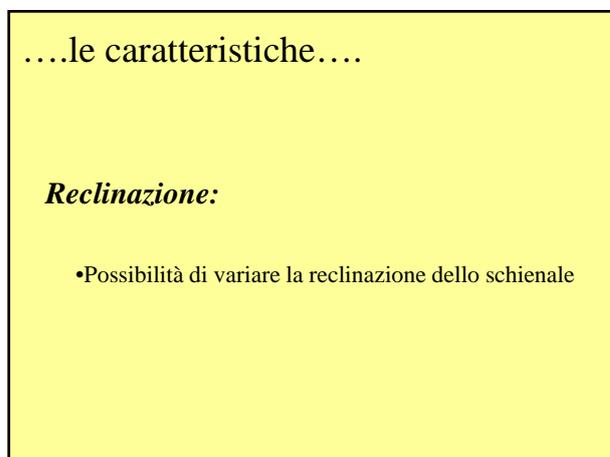
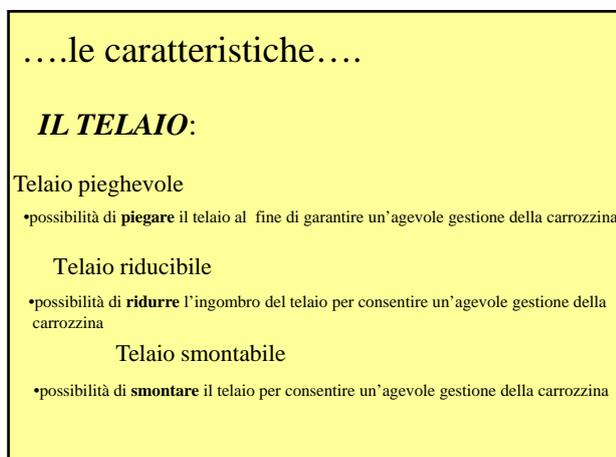
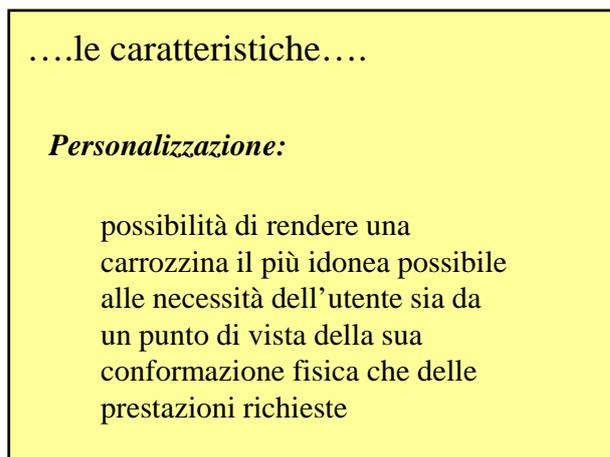
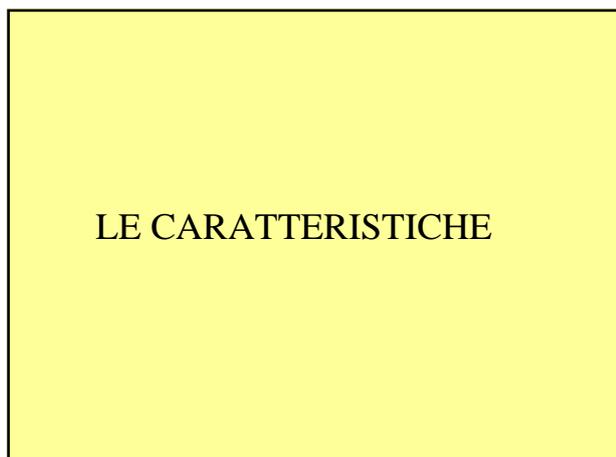
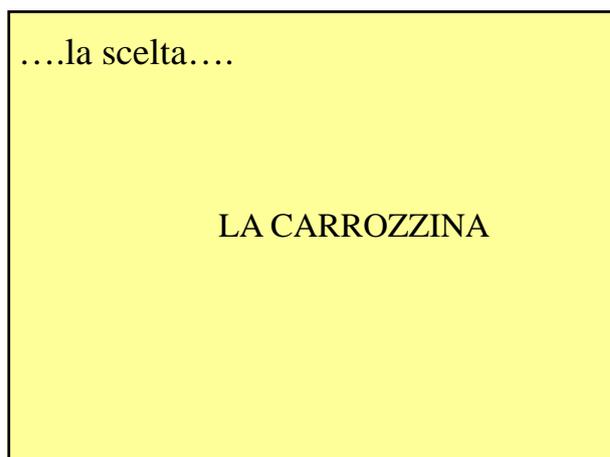
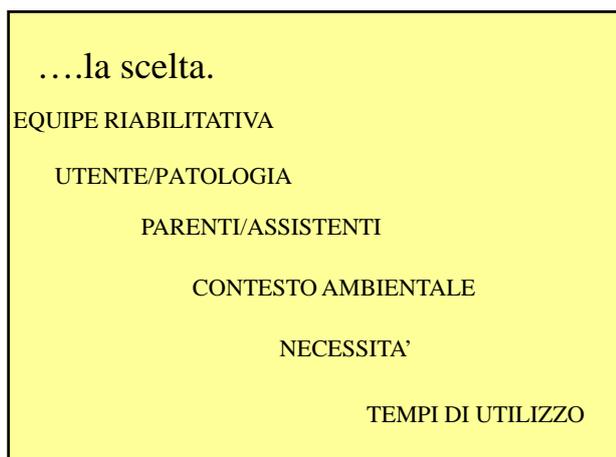
**NON ATTIVO CON GRAVE DISABILITA'**  
Personalizzazione - Basculante

....la scelta....

MIRATA ALL'INDIVIDUAZIONE DEL:

➤ TIPO DI CARROZZINA PIU' IDONEO

➤ DOVE NECESSARIO/POSSIBILE CORRETTA PERSONALIZZAZIONE



....le caratteristiche....

***Basculamento***

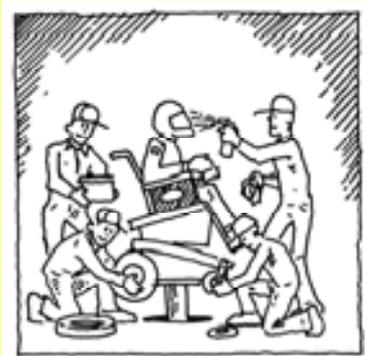
- Possibilità di “basculare” il sistema di seduta

....le caratteristiche.

***Maneggevolezza:***

la possibilità di avere una carrozzina maneggevole sia nel caso di una autospinta da parte dell'utente sia se manovrata da un'assistente

**CORRETTA E PERIODICA  
MANUTENZIONE**



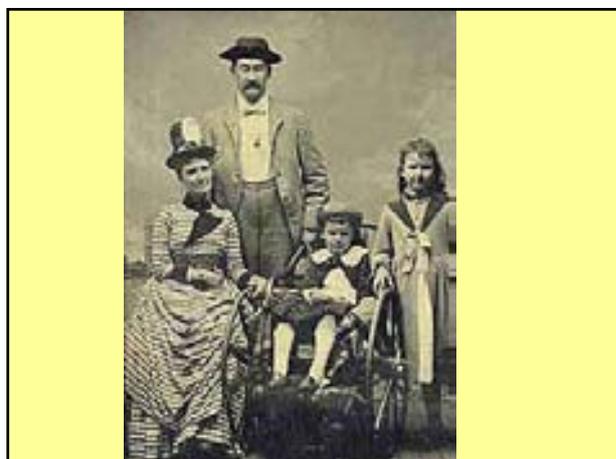
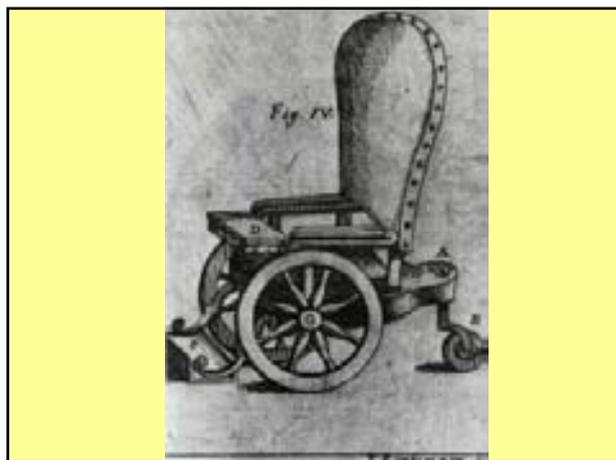
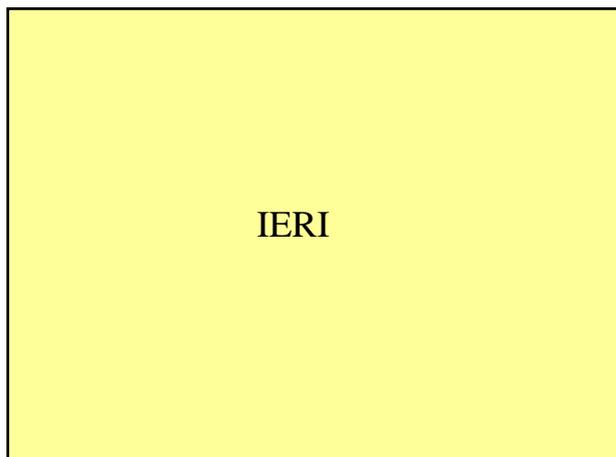
LA PROVA

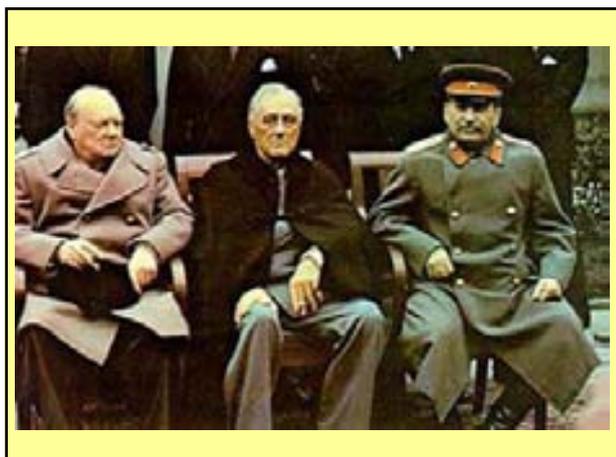
....la prova....

**PREDISPOSIZIONE DEGLI  
AUSILI PER LA PROVA**

....la prova.

**Sopralluogo domiciliare**





OGGI

LE CARROZZINE

CARROZZINE

MANUALI

STANDARD





LEGGERE





SUPERLEGGERE







BASCULANTI







RIBASSATA



EXTRA LARGE



BAMBINO





LA SPINTA



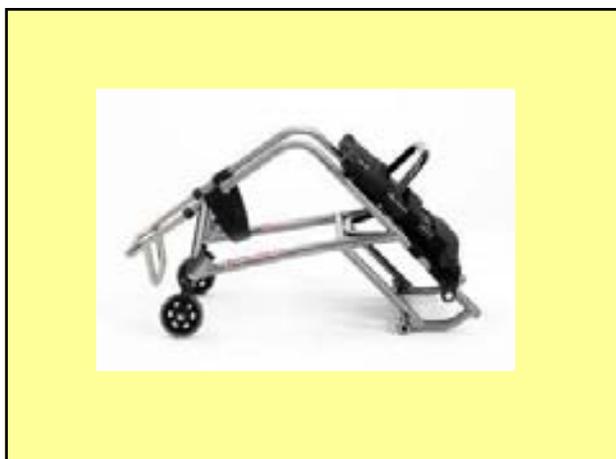


RECLINABILI



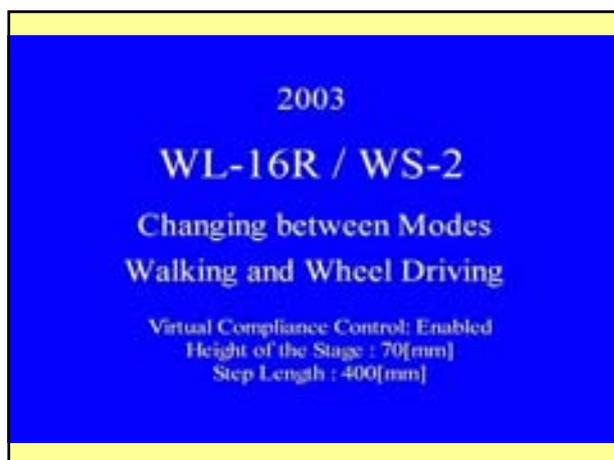
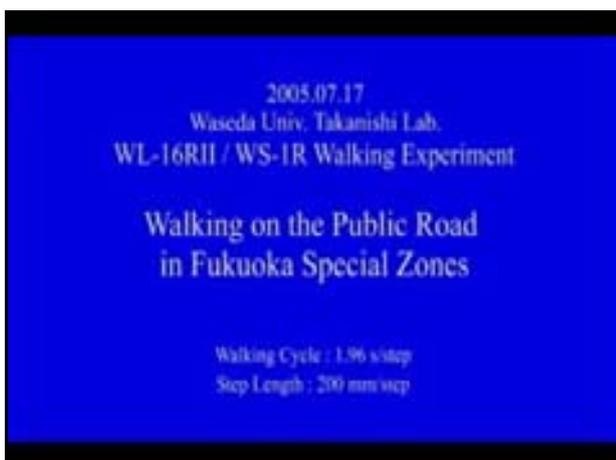
ELEVATRICI





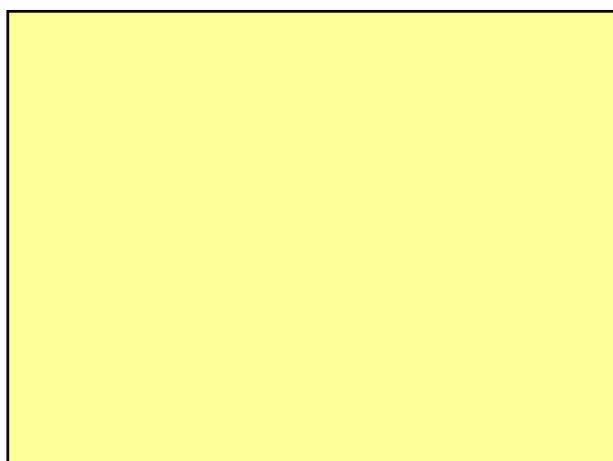
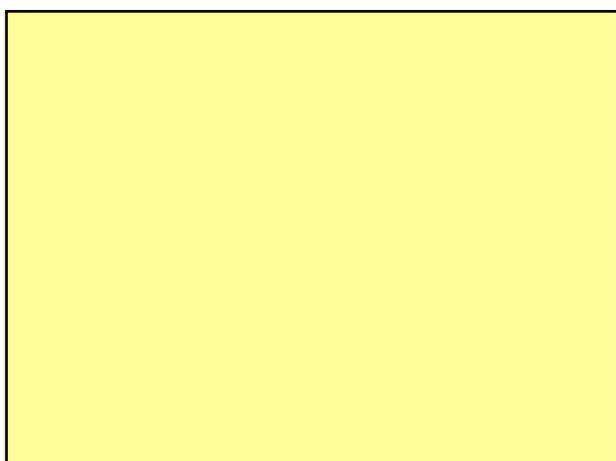
Università Waseda

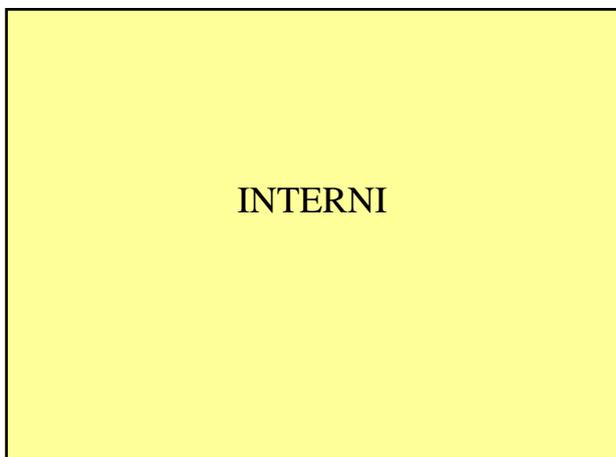
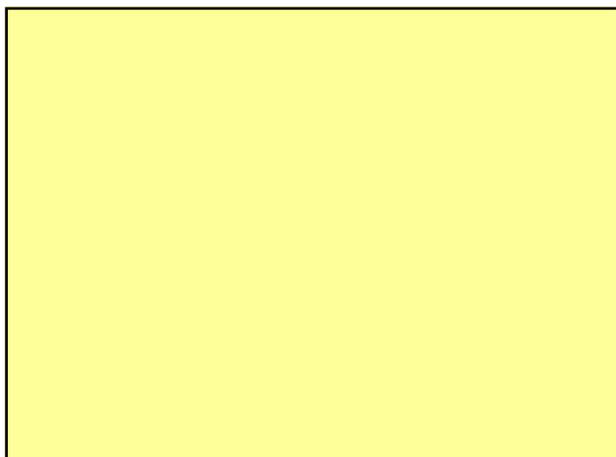
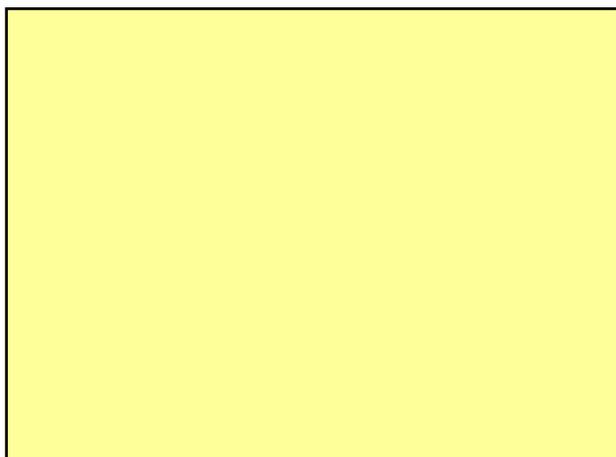
Tokyo





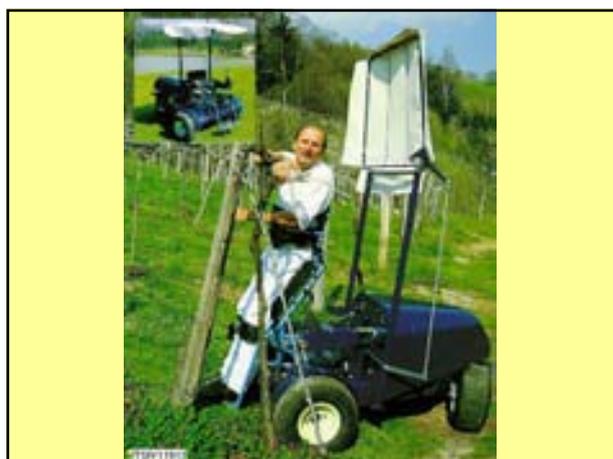
DOPO  
DOMANI







ESTERNI



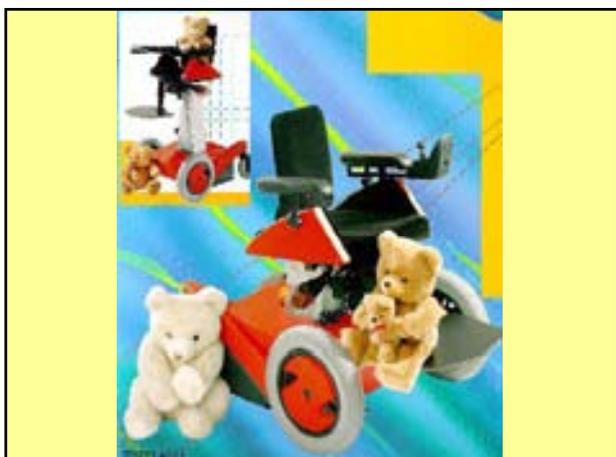


ELETTRICHE  
IBRIDE





BAMBINI







TIPI DI COMANDO



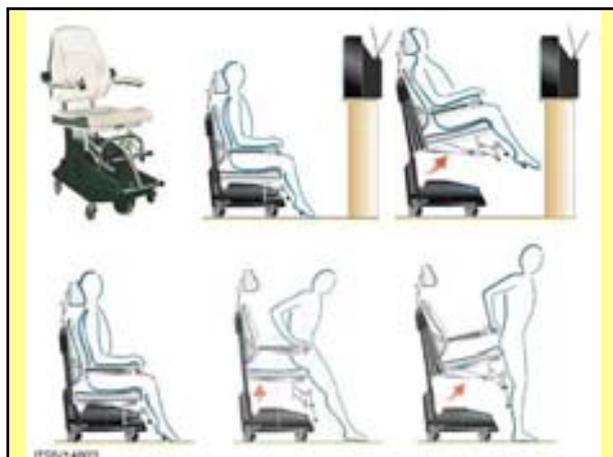




FUNZIONI







CARROZZINE  
PER  
LO SPORT



....atletica....



....tennis....



....basket....



....ciclo turismo



Università Waseda  
Tokyo

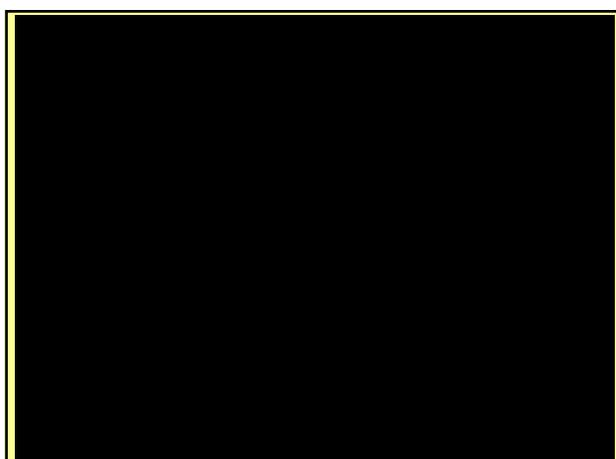
2005.07.17  
Waseda Univ. Takamishi Lab.  
WL-16RII / WS-1R Walking Experiment  
Walking on the Public Road  
in Fukuoka Special Zones  
Walking Cycle : 1.96 s/step  
Step Length : 200 mm/step

2003  
WL-16R / WS-2  
Changing between Modes  
Walking and Wheel Driving  
Virtual Compliance Control: Enabled  
Height of the Stage : 70[mm]  
Step Length : 400[mm]





INDEPENDENCE  
3000



DOPO  
DOMANI

